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INVESTIGATION OF PLUME EFFECTS ON
THE STABILITY CHARACTERISTICS OF A
BODY OF REVOLUTION WITH VARIOUS
FIN CONFIGURATIONS AT TRANSONIC SPEEDS

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Calspan Corporation

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R.E. de Kuyper

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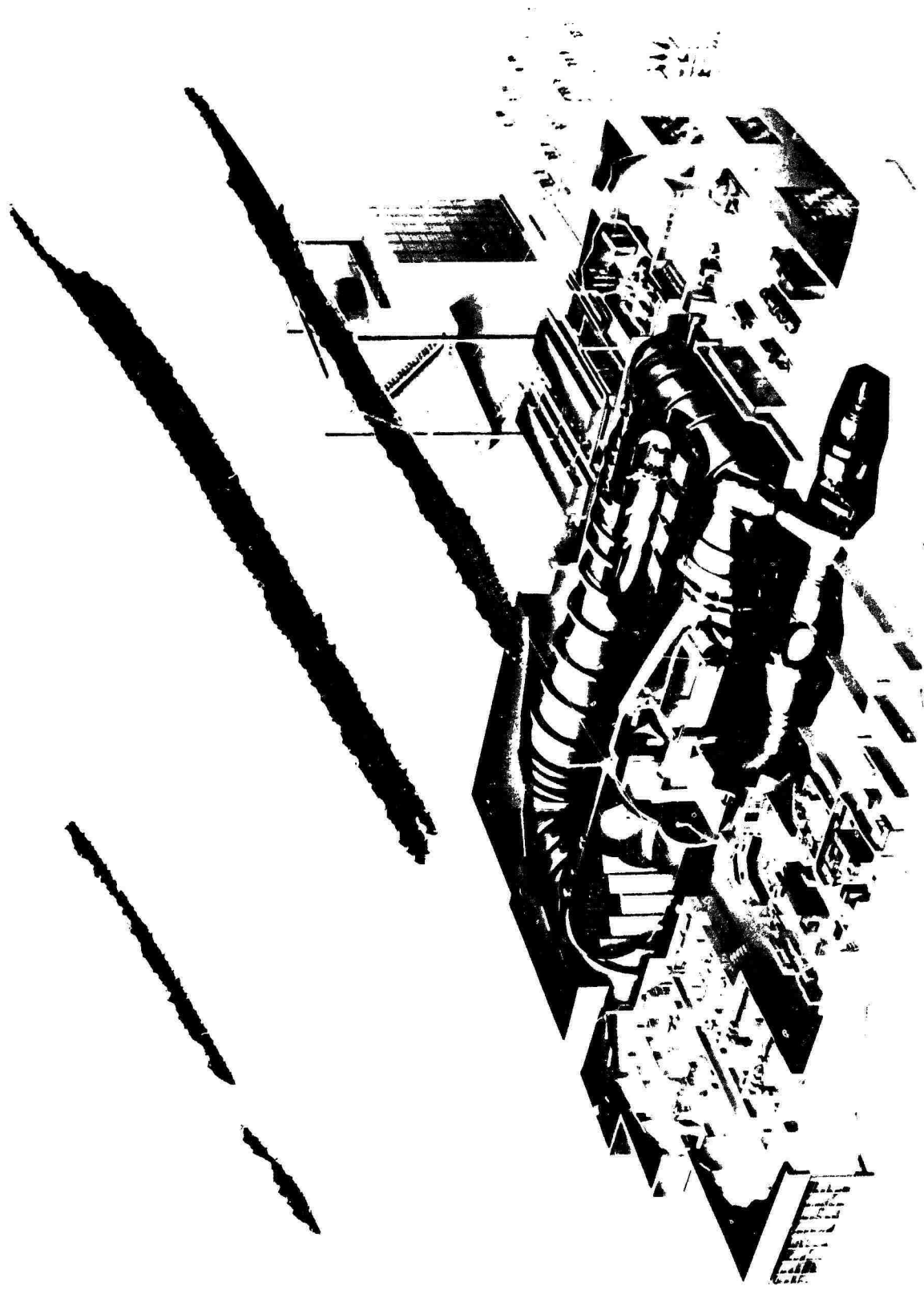
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8-FOOT TRANSONIC WIND TUNNEL

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SECTION I

SUMMARY

A transonic wind tunnel test was performed in the Calspan Corporation 8-Foot Transonic Wind Tunnel on a missile model with tail fins in the presence of a simulated jet plume. The test was conducted during February, 1974.

The purpose of the test was to establish a correlation between the thrust level and missile longitudinal stability, and to assess the effectiveness of locating stabilizing fins forward of the model base as a means of alleviating adverse plume effects. This was the second series of tests performed with this model at Calspan. The results of the earlier test, which also included a canard effectiveness study, are reported in Reference 1.

The test was conducted over a Mach number range from .40 to 1.25 at a condition corresponding to a wind-off static pressure of .5 atmospheres. Model angle of attack was varied from -4 to 12 degrees.

Four sets of tail fins were tested at three different longitudinal positions on the afterbody. One of these had already been partially investigated during the tests reported in Reference 1. The tests were made with the afterbody rotated 0 and -45 degrees with respect to the remainder of the model. Jet plume shapes were varied by changing the plume simulator chamber pressure.

Details of the flow around the tail fins and afterbody were recorded using a schlieren system.

This report presents details of the test program and the results in tabular form.

SECTION II

TEST EQUIPMENT

Model

The model was designed and built by Calspan for the Army Missile Command, Huntsville, Alabama for the test reported on in Reference 1. Three new sets of 4 tail fins each were built for the present test. These fins were all of rectangular planform: dimensions for each set are given in Section III -- Configuration Symbols.

The pointed 3-caliber tangent ogive nose was installed on the 52-inch long, 5-inch diameter model. One set of tail fins (F_1) from the previous test was also available. The tail fins could be positioned in three different longitudinal positions and the complete afterbody assembly could be rotated 45 degrees counterclockwise with respect to the rest of the model. The normal jet plume simulator was located on the sting, 2.5 inches behind the base of the model. No canards were installed.

No boundary layer transition strips were attached to the model, which was sting-mounted as shown in the model photographs (Figure 1) and the installation drawing (Figure 2). A model assembly drawing is presented in Figure 3.

Instrumentation

Model forces and moments were measured with the 2-inch TASK MK XIXB 6-component strain gage balance.

Normal force, hinge moment and bending moment data on each of the tail fins were measured with individual 3-component strain gage balances, which could be installed in each of the 3 longitudinal tail fin positions.

Electrolytic potentiometers were installed inside the model to level the model in pitch and roll. Model attitudes were set with an inclinometer inside the model, with electrolytic potentiometers

SECTION II TEST EQUIPMENT (CONT.)

Instrumentation - continued

attached to the sting supporting the model, or with potentiometers coupled to the vertical strut pitch mechanism.

A TV camera was mounted in the test section to monitor the model from the control room during testing. The schlieren system was installed to observe shock patterns at the base of the model. Another TV camera was used to project these patterns on a screen in the control room, which could then be recorded by a movie camera installed in front of this screen.

Static pressures were recorded inside the balance cavity (one orifice) and at the base of the model (2 orifices) as shown in Figure 3. These pressures were measured by individual differential pressure transducers in a Scanivalve module located in a box attached to the pod of the vertical strut pitch mechanism. The same box contained the absolute pressure transducer with which the plume simulator pressure was measured.

The air necessary to operate the plume simulator was supplied from a storage farm. The amount of air delivered was measured according to ASME procedures using a thin plate orifice with a thermocouple and an absolute pressure transducer upstream from the orifice plate and a differential pressure transducer measuring the pressure drop across the orifice plate.

All instrumentation outputs were connected and displayed on automatic digital readouts in the control room. These data were then automatically recorded on magnetic tape and subsequently reduced to the requested final data format using an electronic computer. A complete description of the Calspan 8-Foot Transonic Wind Tunnel, its capabilities, operation procedures, model attitude and data recording systems, is presented in Reference 2.

SECTION III NOMENCLATURE AND SYMBOLS

The following nomenclature is used throughout this report:

Tunnel Operating Conditions

p	Free-stream static pressure - pounds per square foot
H	Free-stream total pressure - pounds per square foot
M	Nominal free-stream Mach number
M_c	Computed free-stream Mach number = $\left[5 \left(\frac{H}{p} \right)^{2/7} - 5 \right]^{1/2}$
T_o	Free-stream total temperature - degrees Rankine
T	Free-stream static temperature - degrees Rankine $= T_o \left(1 + .2 M_c^2 \right)^{-1}$
q	Free-stream dynamic pressure - pounds per square foot $= .7 p M_c^2$
V	Free-stream velocity - feet per second = $49.01 M_c \sqrt{T}$
N_R	Reynolds number per foot = $1.2327 p M_c \left(\frac{216 + T}{T^2} \right)$

Model Angles and Reference Dimensions

α_u	Model angle of attack with respect to the model center-line - degrees														
$\Delta\alpha_f$	Local flow angle - degrees. The following values were used:														
	<table> <tr> <th>M</th><th>$\Delta\alpha_f$</th></tr> <tr> <td>.40</td><td>- .70</td></tr> <tr> <td>.70</td><td>- .55</td></tr> <tr> <td>.90</td><td>- .42</td></tr> <tr> <td>1.00</td><td>- .30</td></tr> <tr> <td>1.20</td><td>- .23</td></tr> <tr> <td>1.25</td><td>- .21</td></tr> </table>	M	$\Delta\alpha_f$.40	- .70	.70	- .55	.90	- .42	1.00	- .30	1.20	- .23	1.25	- .21
M	$\Delta\alpha_f$														
.40	- .70														
.70	- .55														
.90	- .42														
1.00	- .30														
1.20	- .23														
1.25	- .21														

SECTION III NOMENCLATURE AND SYMBOLS (CONT.)

Model Angles and Reference Dimensions - continued

α'	Model angle of attack corrected for local flow angularity $= \alpha_u + \Delta\alpha_f$ degrees
ϕ	Model roll angle - degrees. Positive clockwise.
ϕ_A	Roll angle of the model tail assembly with respect to rest of the model - degrees. Positive clockwise.
S	Model reference area = 0.1363715 square feet
c	Model reference length = 5.0 inches
S_c	Balance cavity area = 0.04909374 square feet
S_b	Model base area = 0.0872776 square feet

Model Pressures and Pressure Coefficients

p_c	Balance cavity pressure - pounds per square foot
C_{p_c}	Balance cavity pressure coefficient = $\frac{p_c - p}{q}$
p_{b_1}, p_{b_2}	Model base pressures - pounds per square foot
$C_{p_{b_1}}, C_{p_{b_2}}$	Model base pressure coefficients = $\frac{p_{b_1} - p}{q}, \frac{p_{b_2} - p}{q}$

Forces and Moments - Body Axis System

N	Normal force - pounds
m	Pitching moment - inch-pounds
Y	Side force - pounds
n	Yawing moment - inch-pounds

SECTION III NOMENCLATURE AND SYMBOLS (CONT.)

Forces and Moments - Body Axis System - continued

ℓ	Rolling moment - inch-pounds
A	Axial force - pounds
C_N	Normal force coefficient = $\frac{N}{qS}$
C_m	Pitching moment coefficient = $\frac{m}{qSc}$
C_Y	Side force coefficient = $\frac{Y}{qS}$
C_n	Yawing moment coefficient = $\frac{n}{qSc}$
C_ℓ	Rolling moment coefficient = $\frac{\ell}{qSc}$
C_{A_u}	Axial force coefficient = $\frac{A}{qS}$
ΔC_{A_c}	Incremental axial force coefficient due to balance cavity pressure effects = $\frac{S_c C_{p_c}}{S}$
ΔC_{A_b}	Incremental axial force coefficient due to model base pressure effects = $\frac{S_b (C_{p_{b_1}} + C_{p_{b_2}})}{2S}$
C_A	Axial force coefficient corrected for balance cavity and model base pressure effects = $C_{A_u} + \Delta C_{A_c} + \Delta C_{A_b}$

Forces and Moments - Tail Fins

NOTE: The subscript x in the following definitions identifies the tail fin location as shown in Figure 4b. x = 1 through 4.

N_{T_x}	Normal force - pounds
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SECTION III NOMENCLATURE AND SYMBOLS (CONT.)

Forces and Moments - Tail Fins - continued

HM_{T_x}	Hinge moment - inch-pounds
BM_{T_x}	Bending moment - inch-pounds
$C_{N_{T_x}}$	Normal force coefficient = $\frac{N_{T_x}}{qS}$
$C_{HM_{T_x}}$	Hinge moment coefficient = $\frac{HM_{T_x}}{qSc}$
$C_{BM_{T_x}}$	Bending moment coefficient = $\frac{BM_{T_x}}{qSc}$
CPX_{T_x}	Chordwise center of pressure location - inches from the hinge line, positive toward the leading edge. See Figure 4b. $= \frac{HM_{T_x}}{N_{T_x}}$
CPY_{T_x}	Spanwise center of pressure location - inches from the balance centerline = $\frac{BM_{T_x}}{N_{T_x}}$. See Figure 4b.

Parameters Pertaining to the Thrust Effect Study

p_s	Plume simulator chamber pressure - pounds per square inch
p_L	Air supply pressure upstream of the orifice plate - pounds per square inch
W_a	Air supplied to the plume simulator - pounds per second

SECTION III NOMENCLATURE AND SYMBOLS (CONT.)

Parameters Pertaining to the Thrust Effect Study - continued

A_{N_J}	Plume simulator total normal jet exit area = 0.00813229 square feet
M_J	Plume simulator jet Mach number = 1.0 (sonic)
CRT	Radial thrust coefficient = $\left(\frac{A_{N_J}}{S} \right) \left(\frac{76.0752 p_s (1.4M_J^2 + 1) - p}{q} \right)$

Configuration Symbols

B	Body, includes sharp nose N_1
F_1	Tail fins with 5 inch chord and 2.5 inch semi-span. Calspan Ref. Dwg. W19-1316-2.
F_2	Tail fins with 3 inch chord and 2.5 inch semi-span. Calspan Ref. Dwg. W19-1321-1.
F_3	Tail fins with 3 inch chord and 2.0 inch semi-span. Calspan Ref. Dwg. W19-1321-2.
F_4	Tail fins with 3 inch chord, 2.5 inch semi-span and a .25 inch gap between the fuselage and the root chord. Calspan Ref. Dwg. W19-1321-3.
Tail fin positions:	
Aft	Hinge line at M. S. 49.750
Mid	Hinge line at M. S. 46.000
Fwd	Hinge line at M. S. 42.250

SECTION IV

TEST PROCEDURE

Calibrations

The TASK MK XIXB six-component strain gage balance and the three-component tail fin balances were calibrated prior to testing according to the procedures described in Reference 3. Data from these calibrations were used to obtain balance matrices. Check loads were applied to all balance systems upon completion of the model assembly and again upon installation of the model in the test section. Applied and calculated results of all check loads agreed within 1/2 per cent of full scale balance design loads.

Deflection characteristics of the sting support system were also determined during the static balance calibration. No deflection characteristics for the tail fin balance support systems were determined.

All pressure transducers were calibrated prior to testing according to the procedure described in Reference 4.

The potentiometers in the roll mechanism and vertical strut pitch mechanism were calibrated after installation of the model in the test section. The inclinometer and the various model attitude electrolytic potentiometers inside the model and on the model support sting were also calibrated in the tunnel prior to testing, using a leveling plate which could be attached to the top of the model.

The relationship between the pressure in the air supply line upstream of the orifice plate and the pressure in the plume simulator had been determined during the Reference 1 test series. A verification of this relationship was made prior to the present test series and no further calibrations were necessary.

The results of all calibrations and check loads are on file at Calspan.

SECTION IV

TEST PROCEDURE (CONT.)

Operation

The test consisted of 251 wind-on runs conducted over a Mach number range from .40 to 1.25. The test conditions were governed by a wind-off static pressure of .5 atmosphere in the tunnel circuit. The maximum model angle of attack range was from -4 to 12 degrees while radial thrust coefficients (CRT) were varied from 0 to 37.5. Model attitude was varied during a run holding Mach number and CRT constant.

A total of four sets of fins, consisting of four fins per set, were tested in three different longitudinal positions. The majority of runs were made with the fins in the horizontal and vertical planes (+ configuration). However, a few runs were made in the X configuration, accomplished by rotating the model afterbody assembly containing the fins, 45 degrees counterclockwise. The schlieren system was installed in the tunnel and covered the base of the model. Schlieren photographs were obtained at various times during the test. Movies of the schlieren patterns displayed on the TV screen in the control room were also obtained. One configuration was tested with the model rolled 180 degrees for reasons explained in Section VI. A detailed run schedule is presented in Table I.

Wind-off balance zero shifts were recorded after each run or group of runs. No runs were repeated due to excessive zero shifts although these did occur. (See Sections VI and VII.)

The main balance was leveled using the electrolytic potentiometers for pitch and roll inside the model. Model attitudes were set with any one of the three available systems: the electrolytic potentiometers attached to the model support sting, the potentiometer in the vertical strut pitch mechanism, or the inclinometer inside the model. Model attitudes were computed from each system and good agreement between each was obtained in general.

The test sponsor was represented by Mr. J. Henderson.

SECTION V

PRESENTATION OF DATA

A run schedule showing the configurations tested and the nominal test conditions for each run is presented in Table I. The corresponding actual operating conditions for each data point are listed in Table II.

The model aerodynamic data were resolved in the body axis system with the origin located at model station 26.500 on the model centerline. The aerodynamic data from the tail fin balances were resolved in individual axis systems, having origins located at the intersection of the tail fin hinge lines and the balance centerlines. The axis systems and sign conventions are shown in Figure 4.

Model force and moment coefficients in the body axis system are listed in Table III. Balance cavity and model base pressure coefficients, together with the corresponding incremental axial force coefficients, are presented in Table IV. Tail fin force and moment coefficients are tabulated in Table V, while radial thrust coefficients and associated parameters are listed in Table VI. Certain corrections have been applied to the data as described in Section VI.

Upon completion of the test, all preliminary data were transferred to magnetic tapes of the Dataman format for plotting by the Chrysler Corporation, Space Division, New Orleans, La. For this reason, no graphical data are presented in this report.

Schlieren photographs were obtained at various times during the test. Movies of the TV screen in the control room, displaying the Schlieren patterns, were also obtained at times. None of this material has been reproduced in this report.

Copies of the preliminary test results, model configuration and schlieren photographs, schlieren movies, and magnetic tapes with preliminary test results, were transmitted to the test sponsor prior to publication of this report.

SECTION VI

CORRECTIONS TO DATA

Wind Tunnel Corrections

No corrections of any kind have been applied to the data contained in this report to account for wind tunnel wall effects. Within the limitations of accuracy of theoretical computations, the blockage and jet boundary corrections usually applied to subsonic data from solid wall tunnels are believed to be negligible in this perforated wall transonic wind tunnel. Above a Mach number of one, the perforated walls are effective in attenuating shock and expansion waves emanating from the model, thus reducing the effect of reflections from the walls. Although complete attenuation is not obtained, experience has indicated that in general the effect of residual reflections is negligible on a model of this size, except perhaps on the drag component, when some interference may be expected in the Mach number region around 1.05. Some experimental substantiation for this belief, together with a discussion of some of these corrections and a bibliography covering theoretical aspects of the problem are presented in Reference 5.

No buoyancy correction was made to axial force, as the clear tunnel pressure gradients in the vicinity of the model have been found to be negligible throughout the Mach number range. Results of some recent studies of wall effects and blockage, along with the Calspan Corporation 8-Foot Transonic Tunnel calibration data are presented in Reference 6.

Balance Corrections

The strain gage readings of the 2.0 inch TASK MK XIX B balance and the four tail fin balances were corrected for mechanical interactions present in these balances. These correction factors were obtained during the static balance calibrations as described in Reference 3.

The strain gage readings of the TASK balance were also affected by changes in the model weight components as the model

SECTION VI CORRECTIONS TO DATA (CONT.)

Balance Corrections - continued

attitude was varied. Corrections for these static tare effects were determined at wind-off conditions and were then applied to the wind-on data to obtain net aerodynamic loads. Static tare effects on the four tail fin balances due to angle of attack changes were well within the balance accuracies and were therefore ignored. Static tare effects due to model roll orientation were accounted for by adjusting the wind-off zero shifts produced by the change in roll attitude prior to the start of the run.

The measured axial force was corrected for balance cavity and base pressure effects to a condition corresponding to free-stream static pressure acting in the balance cavity and on the base of the model.

Balance zero shifts occurred throughout the test program, although the operating procedures followed during the test were devised to keep them to a minimum. No satisfactory explanation for these zero shifts can be given since the balance was temperature compensated. Temperature variations during a run ran as high as 5 to 10 degrees, while the variation over the complete Mach number range amounted to about 25 degrees. It may have been possible that the balance was incapable of handling such large temperature variations. Another possible explanation for these zero shifts may be that the maximum loads measured by the balance were so small compared to the overall balance capability that a loss of sensitivity was experienced. An effort was made upon completion of the test to pinpoint when, or over what time period, these zero shifts occurred in order to apply appropriate corrections. However, it was found that because of the irregular patterns in which these zero shifts were recorded and the drastic variations in plume simulator flow rates during a series of runs, an effective evaluation of the cause and occurrence of these shifts was impossible. The relatively large values often measured for the force and moment

SECTION VI CORRECTIONS TO DATA (CONT.)

Balance Corrections - continued

coefficients at a zero degree angle of attack may be caused by the zero shifts, although purely aerodynamic performance may also be the reason. In order to evaluate these offsets from zero of the aerodynamic coefficients, the effect of one meter unit of zero shift on any one particular aerodynamic parameter at each Mach number is tabulated in coefficient form, (see Section VII). The different locations of model and balance moment reference centers was not taken into consideration in this tabulation. Therefore, changes in normal force and side force coefficients will produce additional increments to pitching and yawing moment coefficients from those tabulated.

The data from runs 56 through 59 and 63 through 66 was corrected for zero shifts in order to be able to determine the flow angularity corrections as accurately as possible. (See also Section VI - Angle Corrections.)

Angle Corrections

The model geometric angles were corrected for sting and balance deflections due to aerodynamic loads. Values for these corrections were determined from the static loading calibration of the balance. No corrections for deflections due to aerodynamic loads were applied to the tail fins.

A considerable difference was noted in the angle of attack at zero normal force between the present and previous test (Reference 1). Since the models for both tests were basically the same, it was concluded that one missing cooling radiator might be introducing a flow angle in the test section. This was investigated by comparing the model data from a series of upright runs (56-59) and inverted runs (63-66). These data were corrected for balance zero shifts. The flow angularities thus determined resulted in good agreement with the data from Reference 1 when applied to the data from the present test. The

SECTION VI CORRECTIONS TO DATA (CONT.)

Angle Corrections - continued

flow angularity corrections were determined for one configuration only. In view of the origin of this flow disturbance, some flow curvature may have existed, which could have resulted in variations in moment coefficients with tailfin location and size. This possibility was not investigated and the same flow angle correction was applied to all the data from this test

SECTION VII

PRECISION OF DATA

It is estimated that the model angles, without flow angularity corrections, are accurate to $\pm .05$ degrees.

A statistical determination of the accuracies of the strain gage balance systems used for this program was accomplished by calculating the root mean square deviation between applied and calculated loads. The calculated loads were determined by using final balance constants and the balance readings produced by known static loads. The following results were obtained.

<u>Component</u>	<u>Max. Rated Load</u>	<u>Calibration Load</u>	<u>Root Mean Square Deviation</u>
<u>TASK 2.0 MK XIX B Balance</u>			
Normal force - pounds	± 2400	± 280	$\pm .37$
Pitching moment - inch-pounds	± 8700	± 1540	$\pm .66$
Side force - pounds	± 1200	± 280	$\pm .23$
Yawing moment - inch-pounds	± 3600	± 840	$\pm .42$
Rolling moment - inch-pounds	± 1600	± 448	$\pm .33$
Axial force - pounds	± 200	± 50	$\pm .04$
<u>No. 1 Fin Balance</u>			
Normal force - pounds	± 60	± 60	$\pm .09$
Hinge moment - inch-pounds	± 100	± 60	$\pm .14$
Bending moment - inch-pounds	± 100	± 95	$\pm .11$
<u>No. 2 Fin Balance</u>			
Normal force - pounds	± 60	± 60	$\pm .08$
Hinge moment - inch-pounds	± 100	± 60	$\pm .13$
Bending moment - inch-pounds	± 100	± 95	$\pm .13$
<u>No. 3 Fin Balance</u>			
Normal force - pounds	± 60	± 60	$\pm .09$
Hinge moment - inch-pounds	± 100	± 60	$\pm .12$
Bending moment - inch-pounds	± 100	± 95	$\pm .12$

SECTION VII

PRECISION OF DATA (CONT.)

<u>Component</u>	<u>Max. Rated Load</u>	<u>Calibration Load</u>	<u>Root Mean Square Deviation</u>
<u>No. 4 Fin Balance</u>			
Normal force - pounds	±60	±60	±.08
Hinge moment - inch-pounds	±100	±60	±.12
Bending moment - inch-pounds	±100	±95	±.12

The pressure transducers used to measure the balance cavity and model base pressures were calibrated to an accuracy of ± 1 pound per square foot. The pressure transducers used to measure the pressure upstream of the orifice plate in the air supply line and in the plume simulator were calibrated to an accuracy of ± 2 pounds per square inch. The pressure transducer used to measure the differential pressure across the orifice plate in the air supply line was calibrated to an accuracy of $\pm .15$ pounds per square inch.

No satisfactory method is known to determine the accuracy of the final coefficients. An estimate of the data repeatability is normally obtained from comparison of repeat points in a number of runs. However, an insufficient number of repeat points were available from the present test to make such a study feasible.

In view of the earlier discussed zero shift problem due to temperature effects and insufficient balance loading (see Section VI), the following tabulation is presented. It relates the effect of one meter unit of zero shift on a particular force or moment channel to a change in the corresponding coefficient. The calculation has been made for each Mach number because of the large differences in dynamic pressures. Similarly, the Root Mean Square Deviation between the applied and calculated loads of the balance calibration, has been presented in similar terms for comparison.

SECTION VII

PRECISION OF DATA (CONT.)

Mach No.	RMS Deviation In Coefficient Form					
	C_N	C_m	C_Y	C_n	C_ℓ	C_A
.40	.0247	.0088	.0153	.0056	.0044	.0027
.70	.0094	.0033	.0058	.0021	.0017	.0010
.90	.0065	.0023	.0041	.0015	.0012	.0007
1.00	.0059	.0021	.0037	.0013	.0011	.0006
1.20	.0050	.0018	.0031	.0011	.0009	.0005
1.25	.0048	.0017	.0030	.0011	.0009	.0005

Mach No.	Δ Coefficient Due to 1 Meter Unit of Zero Shift					
	C_N	C_m	C_Y	C_n	C_ℓ	C_A
.40	.0052	.0036	.0028	.0016	.0019	.0011
.70	.0020	.0014	.0011	.0006	.0007	.0004
.90	.0014	.0010	.0007	.0004	.0005	.0003
1.00	.0012	.0009	.0007	.0004	.0005	.0003
1.20	.0010	.0007	.0006	.0003	.0004	.0002
1.25	.0010	.0007	.0005	.0003	.0004	.0002

The above data are presented as an aid in evaluating the data presented in this report.

SECTION VII

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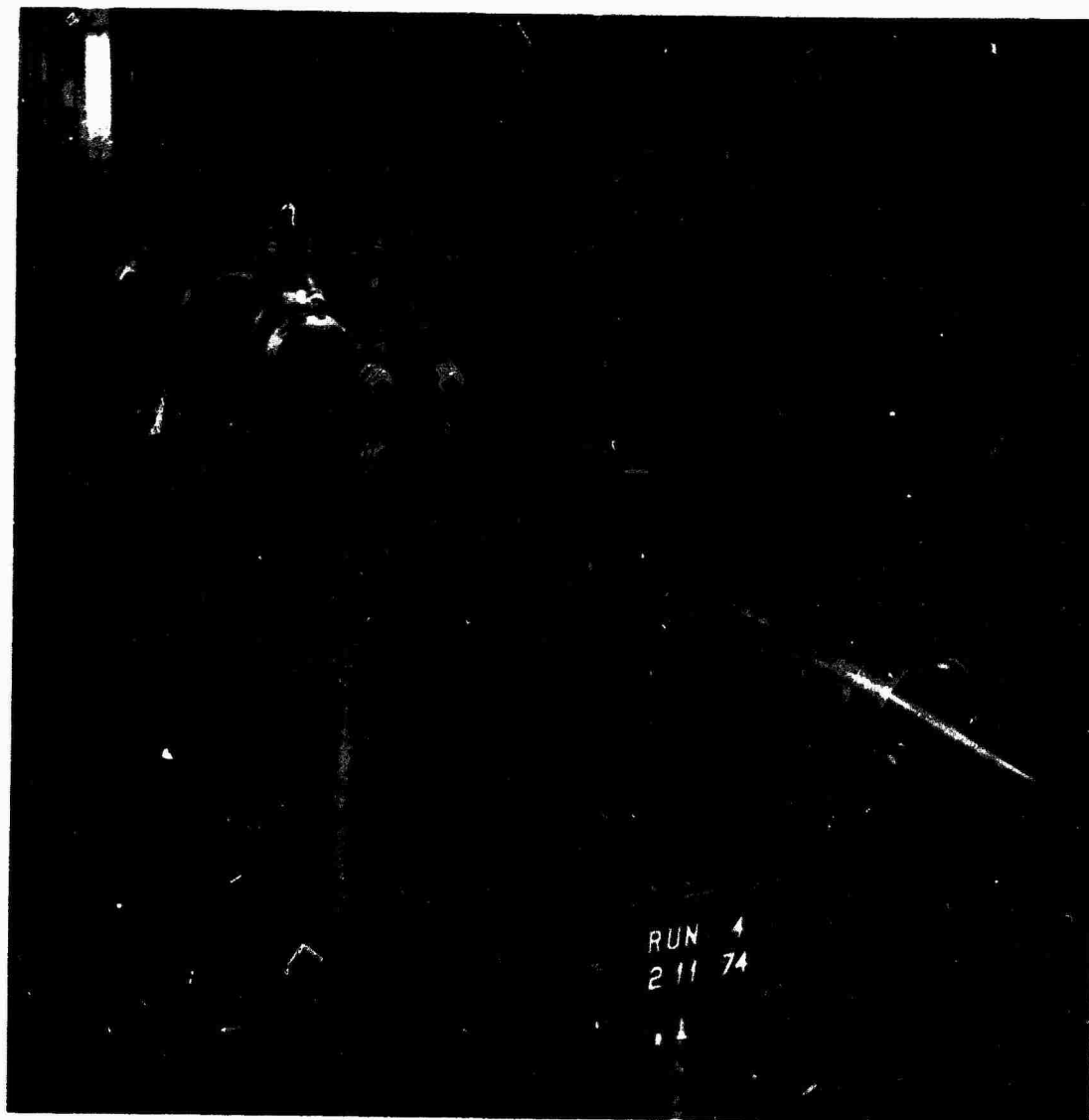
SECTION IX

FIGURE INDEX

Figure No.

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| 2 | Model Installation Drawing |
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| 4 | Axis Systems and Positive Sign Conventions <ul style="list-style-type: none"> a. Body Axis System b. Tail Fins |

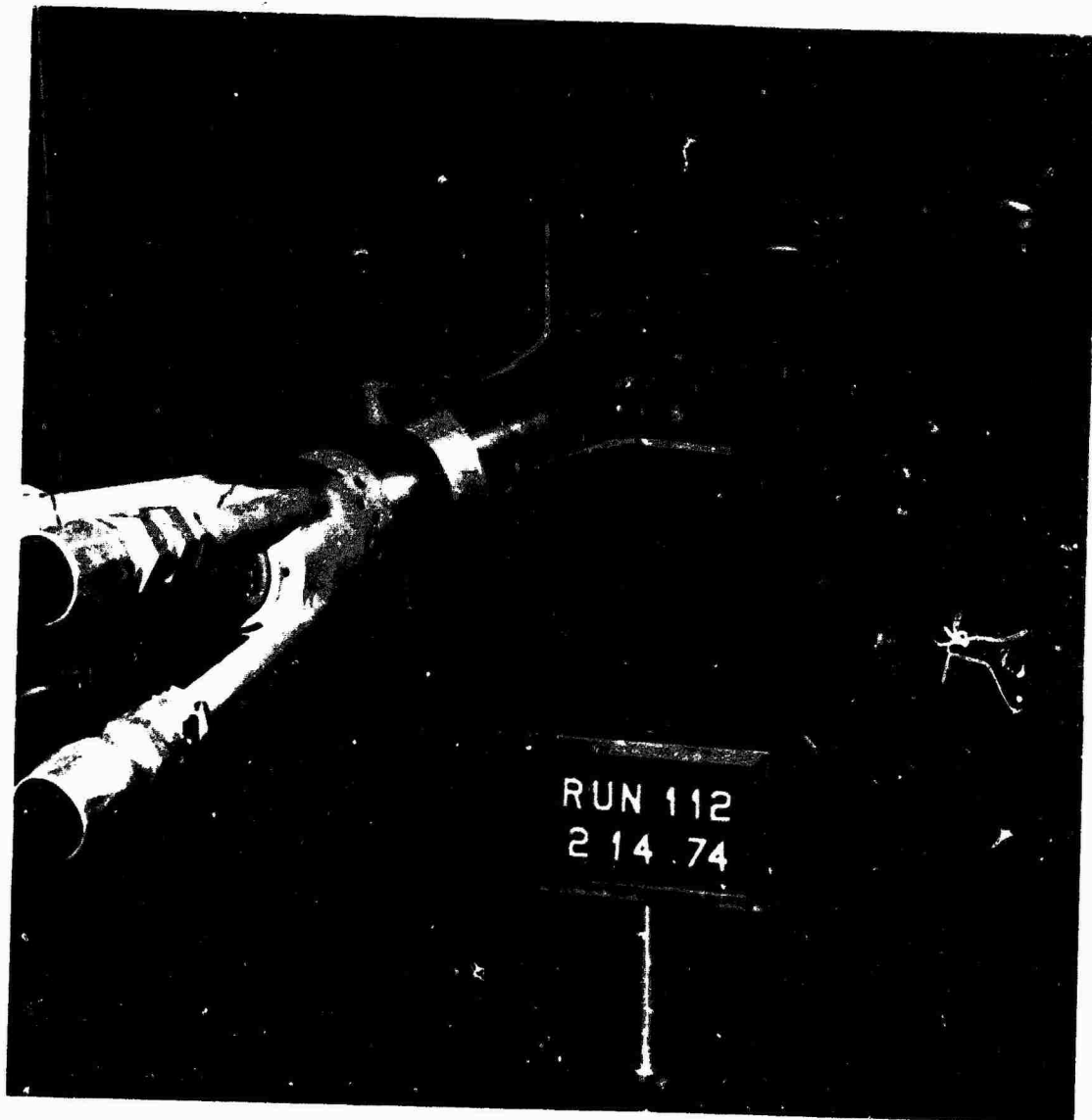


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INSTALLATION DETAIL

AMC MODEL

Figure 1a

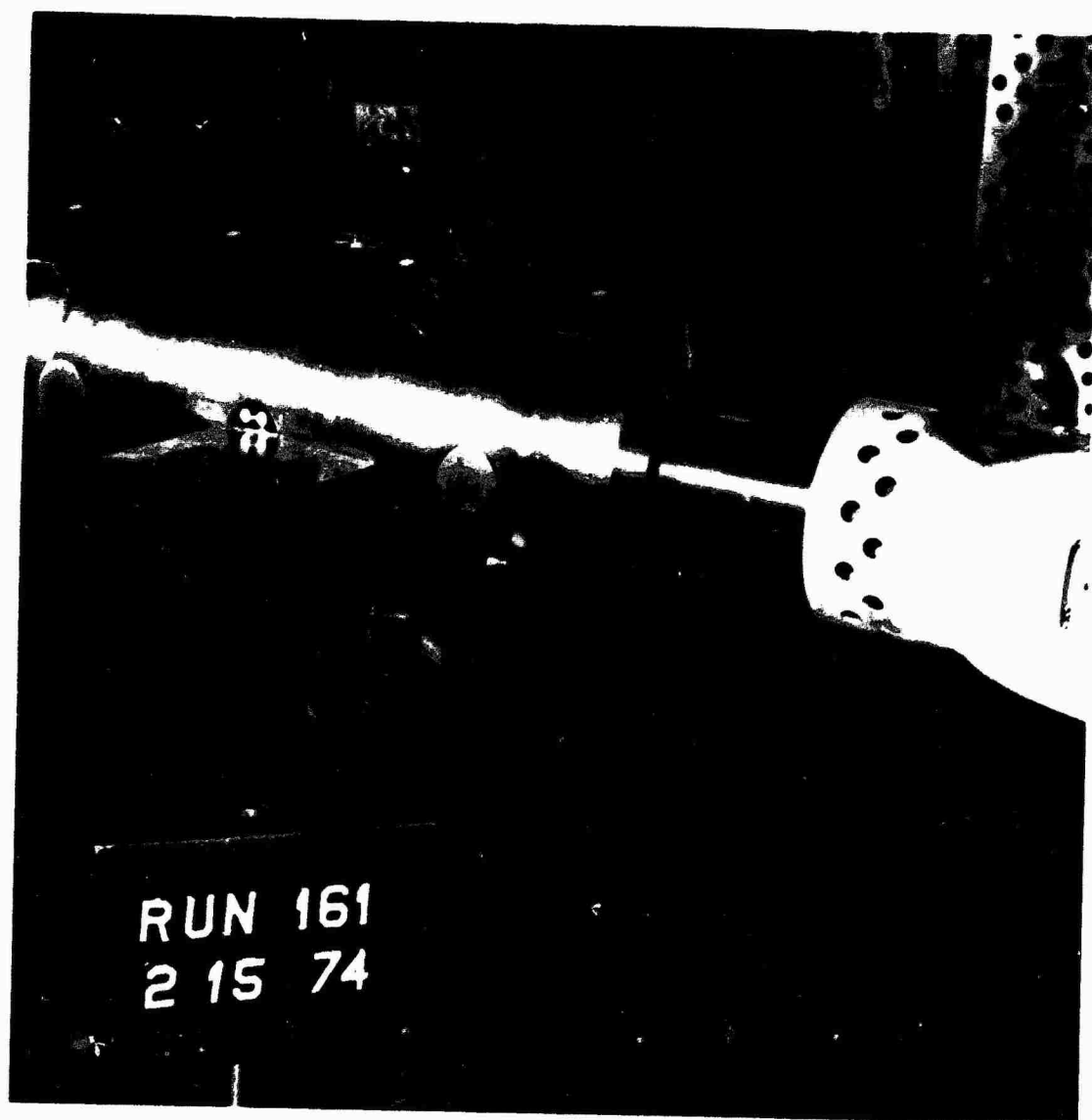


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DETAIL FINS F_1 IN FORWARD (3) POSITION

AMC MODEL

Figure 1b



57127

DETAIL FINS F_2 IN MID (2) POSITION

AMC MODEL

Figure 1c



57128

DETAIL FINS F_3 IN MID (2) POSITION

AMC MODEL

Figure 1d

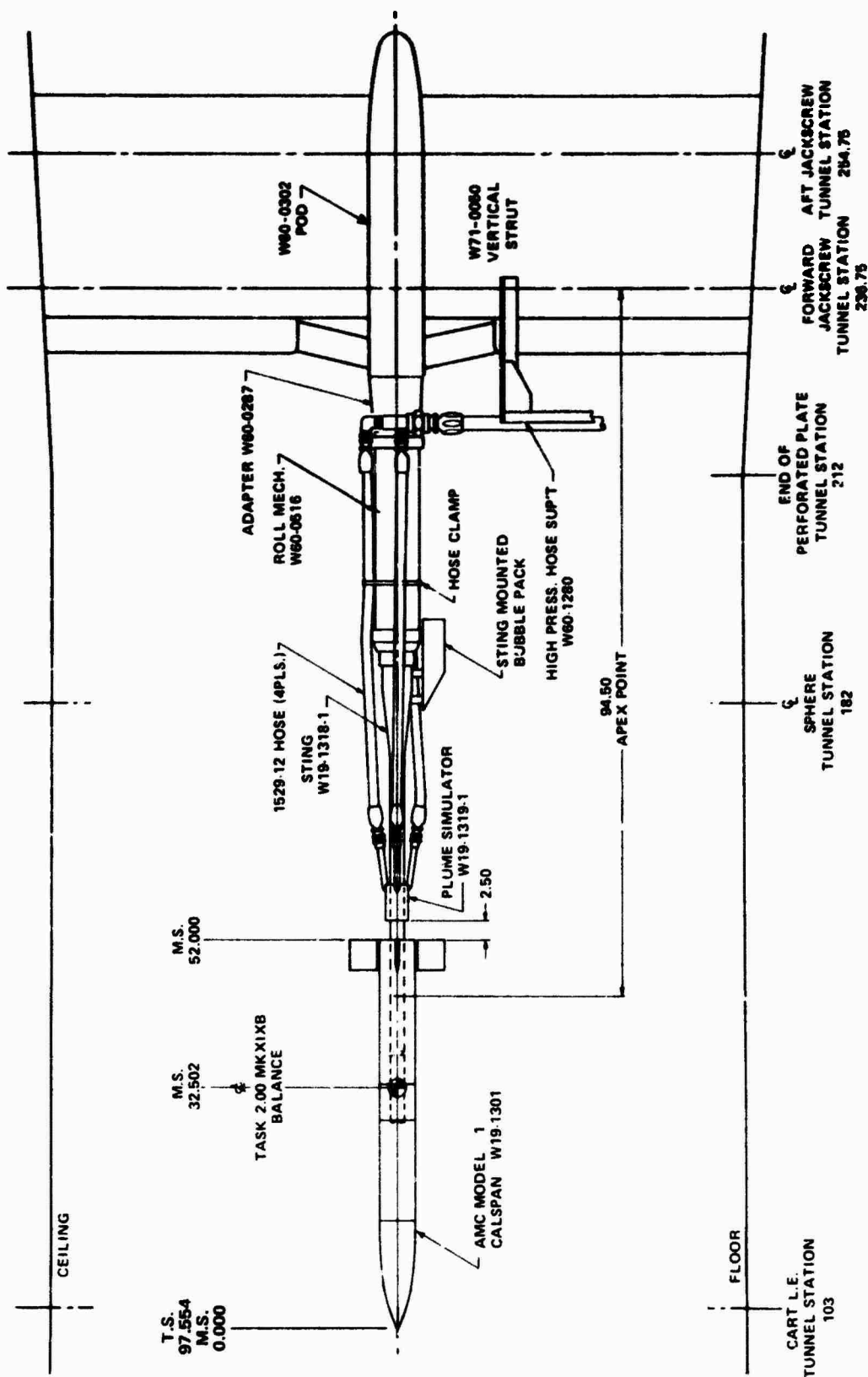


57131

DETAIL FINS F_4 IN AFT (1) POSITION

AMC MODEL

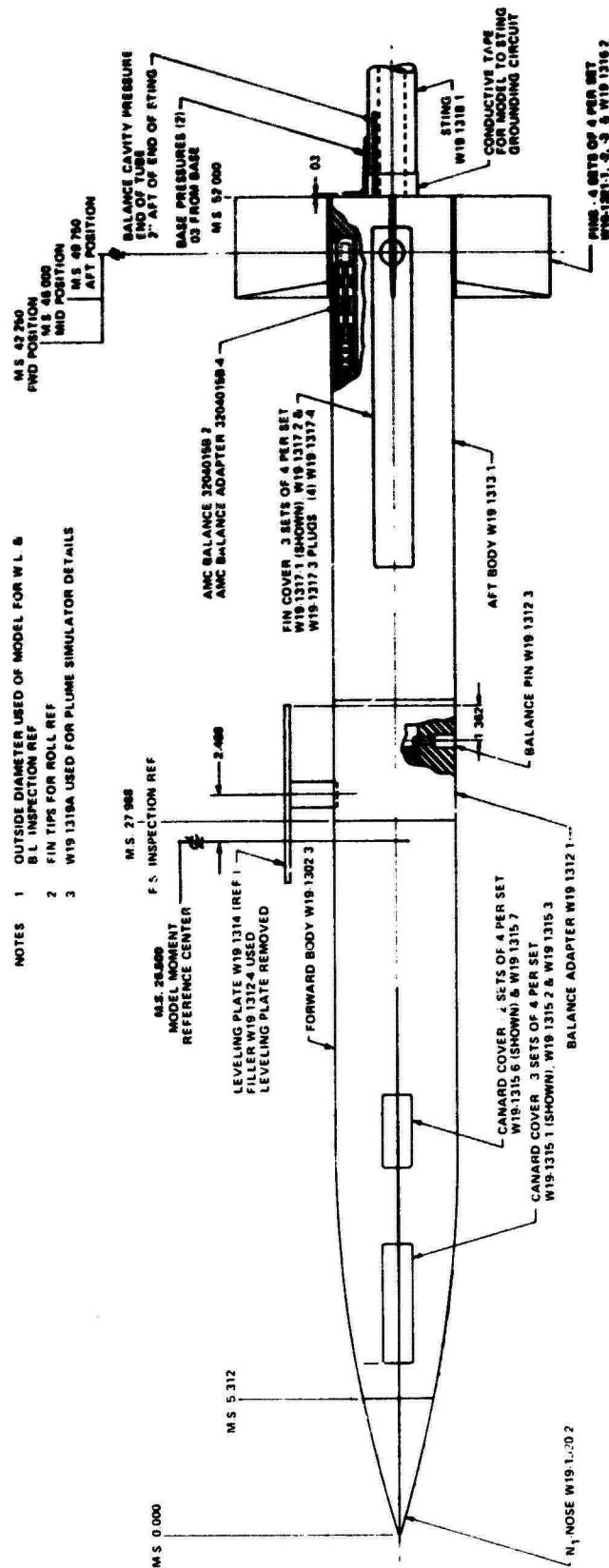
Figure 1e



INSTALLATION DRAWING

AMC MODEL

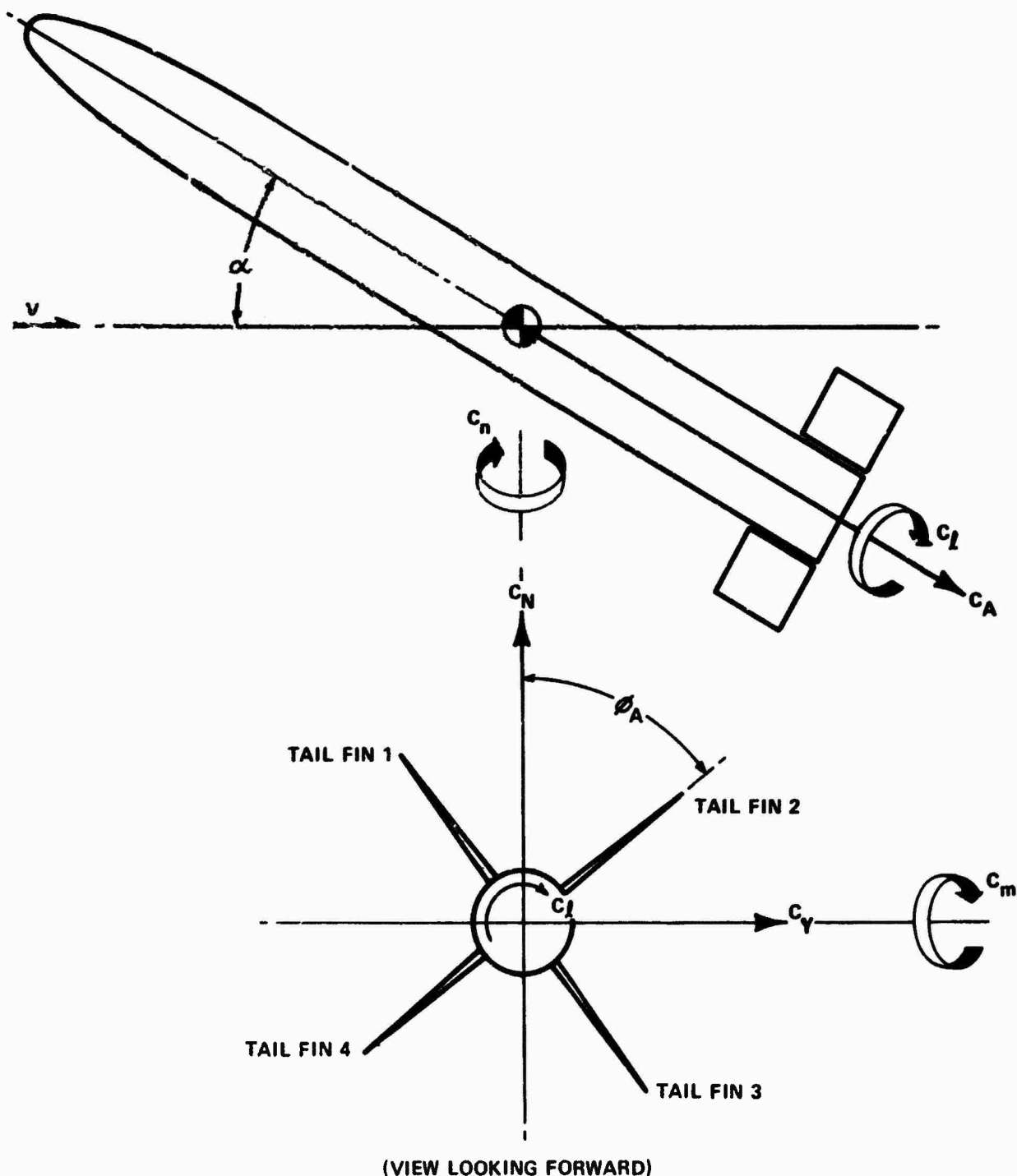
Figure 2



MODEL ASSEMBLY DRAWING

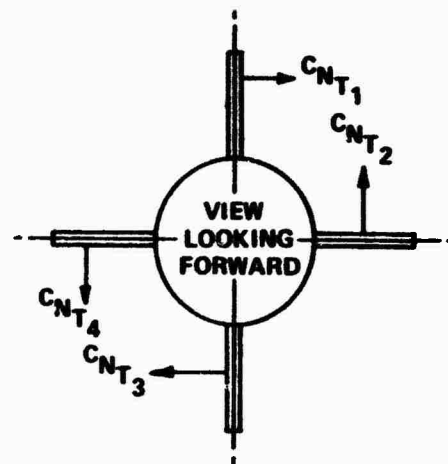
AMC MODEL

Figure 3



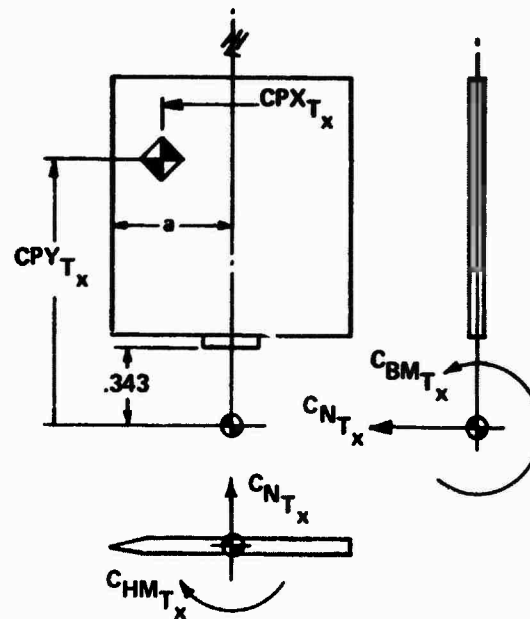
AXIS SYSTEMS AND POSITIVE SIGN CONVENTION
BODY AXIS SYSTEM

Figure 4a



TAIL FINS

HINGE LINE LOCATION	
FINS	DIMENSION "a"
F_1	2.750
F_2, F_3, F_4	0.750



TAIL FIN AXIS SYSTEMS , POSITIVE SIGN CONVENTION
AND CENTER OF PRESSURE LOCATION

Figure 4b

SECTION X

TABLE INDEX

<u>Table No.</u>	<u>Contents</u>
I	Run Schedule
II	Tunnel Operating Conditions
III	Aerodynamic Data - Body Axis System
IV	Balance Cavity and Base Pressure Coefficients and Incremental Axial Force Coefficients
V	Tail Fin Force and Moment Coefficients
VI	Radial Thrust Coefficients and Associated Parameters

TABLE I
RUN SCHEDULE

Configuration	α	ϕ_A	CRT	Fin Pos.	ϕ	Run numbers for Mach numbers of:	Static Tare Run	Remarks
						.40 .70 .90 1.00 1.20 1.25		
B	0 VAR	0	VAR 0 2.5 4.2 6.0 7.2 8.5 10.3 12.0 20.0	OFF	0	8 10 12 13 14 15 19 48 49 50 51 52 59 66 89 88 87 86 68 71 96 94 95	4	a
BF ₂			0 2.5 4.2 6.0 7.2 8.5 10.3 20.0	Fwd		16 17 18 47 46 45 44 53 58 65 85 84 83 73 69 105 104 103	33	b
BF ₃			0 2.5 4.2 6.0 7.2 8.5 10.3 20.0		180 0	54 57 64 82 81 80 79 74 70 100 102 101	60.61 62 67	
BF ₄			0 2.5 4.2 6.0 7.2 8.5 10.3 37.5			77 76 75 72 99 98 97	93	
BF ₅			0 2.5 4.2 6.0 7.2 8.5 10.3 6.0			111 106		

*Movies taken of shock patterns at model base as displayed on TV screen in control room.

TABLE I
RUN SCHEDULE (CONT.)

Configuration	α	ϕ_A	CRT	Fin Pos.	ϕ	Run numbers for Mach numbers of:					Static Tare Run	Remarks
						.40	.70	.90	1.00	1.20		
BF ₁	VAR	0	0	Fwd	0	132	131	126	125	117	112	
			2.5						124	120	115	
			4.2				130	128	123	119	114	
			6.0			134	129	127	122	118	113	
			7.2						121	116		
			37.5			133						
			0	Mid		152	148	144	155	139	135	
			2.5						154	143		
			4.2				149	145	156*	142	137	
			6.0			153	150	146	157	141	136	
BF ₂			7.2					147	158	140		
			8.5									
			10.3				151					
			20.0				160					
			37.5			159						
			0				166	170	174	180*	161	
			2.5						173	179*		
			4.2				165	169	175	178*		
			6.0				164	168	172	177*		
			7.2					167	171	176		
BF ₃			8.5				163					
			10.3				162					
			20.0				185	189	193	202	181	
			0			182			194	201		
			2.5						195	200		
			4.2				186	190	196	206	203	
			6.0			183	187	191	197	204		
			7.2					192				
			8.5				188					
			10.3			184						
BF ₄			12				213	214	209	206		
			0						208	205		
			4.2				214	211	207			
			6.0					210				
			8.5				215					
			10.3				217	221	225*	234	216	
			0	Aft		235			226*	233*		
			2.5				218*	222	227*	232*		
			4.2			236	219	223*	228*	231*		
			6.0									

*Movies taken of shock patterns at model base as displayed on TV screen in control room.

TABLE I
RUN SCHEDULE (CONT.)

Configuration	α	ϕ_A	CRT	Fin Pos.	ϕ	Run numbers for Mach numbers of:					Static Tare Run	Remarks
						.40	.70	.90	1.00	1.20	1.25	
BF ₃	VAR	0	7.2 8.5 10.3 12.0 37.5	Aft	0			224*	229	230*		
						237 238	220					
BF ₄			0 4.2 6.0 8.5 10.3				251	246	245	240	239	
							250	247	244	241		
								248*	243	242		
BF ₂			0 2.5 4.2 6.0 7.2 8.5 10.3 12.0 20.0				249	266	265	264	252	
							273		259	263		
								269	258	262		
							272	268*	257	261*		
							271		256	260		
								267	255*			
							270	254				
							253					

*Movies taken of shock patterns at model base as displayed on TV screen in control room.

Remarks:

- a. Runs 1 - 3: Negative normal force and positive side force and axial force check loads, respectively. (Task MK-XIX Balance)
- b. Runs 29 - 32: Normal force check loads on tail fins 3, 1, 2 and 4, respectively.

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _c	α	q	p	H	N _R × 10 ⁻⁶	T ₀	T	V
5	7	1.208	0.37	535	531.0	1288.0	783	548	425	1212
5	8	1.199	0.30	534	535.4	1296.4	794	549	426	1213
5	10	1.200	0.26	534	530.6	1309.9	823	551	427	1213
5	18	1.199	0.23	537	533.9	1293.8	778	549	426	1213
5	19	1.200	0.23	537	533.9	1307.9	812	552	426	1213
5	20	1.201	0.21	537	539.0	1304.4	834	554	428	1210
5	21	1.177	0.24	540	545.2	1321.3	794	554	433	1220
5	22	1.178	0.25	541	556.6	1312.7	779	556	435	1220
6	1	1.000	0.32	481	66.8	1301.0	99	553	460	1052
6	6	1.000	0.30	461	659.1	1247.9	95	552	459	1051
6	7	1.002	0.35	458	652.0	1238.9	547	554	461	1055
6	8	1.003	0.35	455	648.0	1229.1	44	554	461	1055
6	9	1.001	0.30	456	650.0	1231.2	49	556	462	1055
6	10	1.081	0.32	453	650.1	1232.9	33	556	463	1053
6	11	1.001	0.27	456	658.9	1233.3	86	557	463	1057
6	12	1.002	0.30	455	654.7	1228.9	527	557	463	1057
7	1	0.995	0.45	405	714.6	1208.6	375	561	482	969
7	2	0.901	0.44	405	713.4	1208.3	376	561	482	970
7	3	0.901	0.46	405	718.7	1216.7	381	563	484	971
7	4	0.901	0.44	405	713.5	1208.8	367	563	484	972
7	5	0.901	0.44	406	715.0	1211.8	367	564	485	973
7	6	0.902	0.44	405	712.0	1208.9	358	564	485	973
7	7	0.909	0.44	420	725.1	1240.1	41	566	485	982
8	1	0.683	0.56	273	836.5	1143.1	968	557	509	750
8	2	0.684	0.57	279	872.0	1198.3	077	556	507	750
8	3	0.684	0.59	279	840.9	1166.7	19	556	507	750
8	4	0.684	0.55	275	840.9	1150.7	33	554	507	750
8	5	0.686	0.56	273	840.9	1135.0	76	554	506	750
8	6	0.684	0.55	273	833.0	1147.8	55	554	507	750
8	7	0.685	0.55	273	833.0	1140.8	76	554	507	750
8	8	0.685	0.54	276	841.0	1151.6	52	555	509	753
8	9	0.685	0.55	264	851.1	1141.6	95	555	509	753
9	1	0.400	0.46	108	971.6	1085.0	290	541	524	444
9	2	0.400	0.72	109	968.9	1081.9	90	540	523	444
9	3	0.439	0.70	107	968.9	1081.1	85	540	523	444

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _c	α	q	P	H	N _R × 10 ⁻⁶	T _o	T	V
9	7	0.398	-1.28	107.7	971.3	1083.4	1.289	539.	22.	45.0
9	8	0.400	-0.68	109.1	974.5	1088.1	1.300	539.	22.	44.8
9	9	0.397	-0.23	107.2	969.5	1081.7	1.287	538.	21.	44.4
9	10	0.399	0.27	108.2	970.0	1082.9	1.294	538.	21.	44.6
9	11	0.398	1.27	108.4	974.0	1086.9	1.298	538.	21.	44.6
9	12	0.398	3.27	108.1	970.4	1082.9	1.297	537.	20.	44.6
9	13	0.399	-0.71	108.7	974.2	1087.4	1.303	537.	20.	44.6
10	1	0.400	4.66	108.2	965.9	1078.1	1.295	537.	20.	47.3
10	2	0.400	-2.73	108.1	965.3	1078.6	1.295	537.	20.	47.1
10	3	0.399	-1.73	108.8	966.1	1078.9	1.299	537.	20.	44.8
10	4	0.401	-1.22	108.8	966.7	1079.6	1.299	537.	20.	44.8
10	5	0.401	-0.69	108.8	966.6	1079.9	1.299	537.	20.	44.8
10	6	0.400	0.24	108.6	967.6	1080.6	1.298	536.	19.	44.8
10	7	0.401	0.26	109.4	967.4	1081.4	1.302	536.	19.	44.8
10	8	0.401	1.32	109.9	966.2	1077.9	1.299	536.	19.	44.6
10	9	0.399	3.23	107.7	964.8	1077.0	1.294	536.	19.	44.6
10	10	0.396	5.25	106.9	969.7	1077.9	1.291	536.	19.	44.6
10	11	0.399	7.26	106.5	966.3	1078.8	1.297	536.	19.	44.6
10	12	0.398	9.26	107.1	966.0	1076.9	1.293	536.	19.	44.6
10	13	0.399	11.27	108.0	966.2	1076.6	1.297	536.	19.	44.6
11	1	0.399	3.63	108.1	967.5	1079.9	1.301	536.	18.	44.6
11	2	0.400	-2.70	109.6	969.6	1082.2	1.308	536.	18.	44.6
11	3	0.405	-1.70	108.3	968.8	1081.6	1.305	536.	17.	44.6
11	4	0.401	-1.27	110.1	969.7	1074.3	1.310	536.	17.	44.6
11	5	0.402	-0.24	108.1	968.7	1077.1	1.306	536.	16.	44.6
11	6	0.401	0.26	109.3	964.2	1077.3	1.300	536.	16.	44.6
11	7	0.400	1.28	108.6	965.7	1078.1	1.303	536.	16.	44.6
11	8	0.402	3.27	109.5	965.9	1078.8	1.309	534.	15.	44.6
11	9	0.401	5.27	109.0	967.4	1078.6	1.316	534.	15.	44.6
11	10	0.371	9.25	94.1	976.8	1077.3	1.321	534.	15.	44.6
11	11	0.400	11.25	108.0	966.4	1077.6	1.300	534.	15.	44.6
11	12	0.400	11.30	108.0	966.2	1077.4	1.300	534.	15.	44.6
11	13	0.400	11.70	108.8	968.5	1081.7	1.309	534.	15.	44.6
12	4	0.701	4.58	288.7	837.0	1163.1	2.094	534.	96.	766.2
12	5	0.681	-2.58	277.2	853.7	1164.3	2.053	534.	99.	766.2
12	6	0.700	-1.50	288.9	839.5	1165.9	2.093	534.	97.	766.2
12	7	0.701	-1.50	288.4	841.1	1167.8	2.091	534.	98.	766.2

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M_c	α	q	p	H	$N_R \times 10^{-6}$	T_o	T	V
1	9	0.701	-0.187	289.7	841.2	1168.3	2.093	547.5	497.5	767.1
1	10	0.700	-0.487	289.3	842.0	1168.3	2.090	547.7	498.0	765.8
1	11	0.701	1.446	289.4	837.1	1167.3	2.087	547.8	498.0	766.4
1	12	0.704	3.375	290.6	852.3	1165.2	2.085	548.0	501.0	770.4
1	13	0.681	7.440	277.9	841.3	1167.4	2.084	548.0	501.0	766.8
1	14	0.700	9.385	288.6	844.1	1172.3	2.095	548.0	498.0	767.0
1	15	0.701	11.458	289.7	843.7	1170.4	2.090	548.0	499.0	767.2
1	16	0.700	-1.058	288.6	841.1	1167.4	2.083	548.0	499.0	766.6
1	17	0.699	-1.058	288.6	841.1	1167.4	2.083	548.0	499.0	766.6
1	18	0.700	4.477	288.6	839.6	1167.4	2.075	549.0	499.0	767.4
1	19	0.700	-2.611	286.7	833.5	1157.9	2.062	549.0	499.0	768.0
1	20	0.701	-1.569	287.9	836.5	1161.0	2.070	549.0	499.0	768.3
1	21	0.696	-1.059	276.5	854.9	1164.7	2.053	549.0	502.0	766.0
1	22	0.680	-0.088	276.5	854.9	1164.7	2.053	549.0	502.0	766.0
1	23	0.698	-0.385	283.3	844.7	1164.9	2.075	550.0	501.0	766.1
1	24	0.700	1.456	289.7	842.0	1168.0	2.068	550.0	500.0	768.0
1	25	0.699	3.456	287.9	840.1	1164.0	2.068	550.0	500.0	769.3
1	26	0.701	-0.559	289.7	841.1	1168.0	2.079	550.0	500.0	769.5
1	27	0.681	5.543	277.1	852.0	1163.1	2.032	550.0	503.0	749.0
1	28	0.701	-2.543	287.2	836.4	1163.1	2.065	550.0	500.0	769.0
1	29	0.701	-1.543	287.2	836.4	1163.1	2.065	550.0	500.0	769.0
1	30	0.702	-1.155	291.5	846.6	1175.1	2.085	551.0	501.0	769.0
1	31	0.701	-0.144	290.3	842.0	1170.6	2.077	551.0	501.0	770.0
1	32	0.701	1.447	290.6	843.7	1171.9	2.079	551.0	501.0	770.0
1	33	0.702	3.447	290.6	843.7	1171.9	2.079	551.0	501.0	770.0
1	34	0.701	5.446	290.6	841.1	1168.0	2.075	551.0	501.0	770.0
1	35	0.701	7.446	289.6	841.1	1168.0	2.075	551.0	501.0	770.0
1	36	0.701	9.446	289.6	841.1	1168.0	2.075	551.0	501.0	770.0
1	37	0.701	11.446	289.6	841.1	1168.0	2.075	551.0	501.0	770.0
1	38	0.701	-1.046	290.0	841.1	1168.0	2.069	552.0	502.0	770.0
1	39	0.701	-1.046	290.0	841.1	1168.0	2.069	552.0	502.0	770.0
1	40	0.701	4.460	292.7	849.4	1179.7	2.097	552.0	502.0	771.0
1	41	0.700	-2.633	293.5	854.4	1185.5	2.097	552.0	502.0	771.0
1	42	0.700	-1.633	288.6	854.4	1185.5	2.064	552.0	502.0	771.0
1	43	0.699	-1.133	288.6	841.1	1167.4	2.064	552.0	502.0	768.0
1	44	0.700	-0.066	290.0	841.1	1167.4	2.075	552.0	502.0	768.0
1	45	0.700	-0.066	290.0	841.1	1167.4	2.075	552.0	502.0	768.0
1	46	0.700	-0.066	290.0	841.1	1167.4	2.075	552.0	502.0	768.0
1	47	0.700	-0.066	290.0	841.1	1167.4	2.075	552.0	502.0	768.0
1	48	0.700	-0.066	290.0	841.1	1167.4	2.075	552.0	502.0	768.0
1	49	0.700	-0.066	290.0	841.1	1167.4	2.075	552.0	502.0	768.0
1	50	0.700	-0.066	290.0	841.1	1167.4	2.075	552.0	502.0	768.0

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _c	α	q	P	H	N _R x 10 ⁻⁶	T ₀	T	V
15	8	0.697	1.41	291.2	854.2	1162.3	2.082	553.3	503.3	767.6
15	9	0.698	3.39	286.9	839.2	1162.9	2.049	553.3	503.3	768.1
16	15	0.901	3.8	406.7	719.0	1217.7	4.32	554.3	476.3	964.1
16	16	0.901	4.4	407.8	716.8	1214.9	4.22	555.3	477.3	965.2
16	17	0.900	2.6	406.4	716.8	1213.8	4.13	556.3	479.3	965.7
16	18	0.901	4.8	407.3	719.0	1215.5	4.05	557.3	480.3	966.1
16	19	0.899	0.4	407.3	719.0	1215.5	4.05	558.3	480.3	966.1
16	20	0.900	0.2	408.1	719.0	1217.3	4.10	558.3	480.3	966.6
16	21	0.898	0.5	408.7	722.0	1220.9	4.06	559.3	480.3	966.6
16	22	0.901	1.5	410.0	722.0	1222.1	4.11	559.3	480.3	966.6
16	23	0.900	5.7	410.0	722.0	1222.1	4.09	560.3	480.3	966.6
16	24	0.901	5.4	410.4	722.0	1221.9	4.07	561.3	480.3	967.0
16	25	0.899	5.5	409.3	720.6	1218.4	3.94	561.3	480.3	967.0
16	26	0.902	9.5	408.8	720.6	1218.4	3.94	561.3	480.3	967.0
16	27	0.902	5.4	408.8	720.6	1218.4	3.94	561.3	480.3	967.0
16	28	0.900	11.5	408.0	719.1	1215.2	3.85	562.3	480.3	967.0
16	29	0.901	10.3	407.1	715.5	1211.2	3.79	562.3	480.3	967.1
17	1	0.900	0	411.6	724.0	1220.6	4.13	563.3	485.3	971.3
17	2	0.901	4.6	410.9	720.6	1220.6	4.03	564.3	485.3	972.3
17	3	0.901	3.9	401.7	709.5	1220.6	3.83	565.3	486.3	973.3
17	4	0.900	1.2	396.1	709.5	1220.6	3.50	565.3	486.3	973.3
17	5	0.900	0.5	401.1	707.6	1220.6	3.30	565.3	486.3	973.3
17	6	0.899	0.5	405.1	716.0	1220.6	3.75	566.3	486.3	973.3
17	7	0.901	1.0	409.2	722.1	1222.0	4.50	566.3	486.3	973.3
17	8	0.900	3.6	410.0	722.1	1222.0	4.50	566.3	486.3	973.3
17	9	0.901	4.6	409.6	722.1	1222.0	4.50	566.3	486.3	973.3
17	10	0.900	5.7	409.6	722.1	1222.0	4.50	566.3	486.3	973.3
17	11	0.899	7.8	410.0	723.5	1222.0	4.50	567.3	486.3	973.3
17	12	0.898	11.3	411.0	723.5	1222.0	4.50	567.3	486.3	973.3
17	13	0.900	11.3	411.0	723.5	1222.0	4.50	567.3	486.3	973.3
18	1	0.900	4	402.7	709.0	1205.9	3.68	567.3	487.3	974.3
18	2	0.901	4.8	404.4	711.5	1205.9	3.68	567.3	487.3	974.3
18	3	0.899	5.7	404.7	713.5	1205.9	3.68	567.3	487.3	974.3
18	4	0.900	1.3	402.7	709.0	1205.9	3.68	567.3	487.3	974.3
18	5	0.900	1.5	401.0	706.4	1197.2	3.68	567.3	487.3	974.3
18	6	0.899	0.5	401.9	706.4	1197.2	3.68	567.3	487.3	974.3
18	7	0.899	0.5	400.1	706.4	1197.2	3.68	567.3	487.3	974.3
18	8	0.899	1.3	403.1	711.0	1202.4	4.67	568.3	488.3	974.3
18	9	0.899	4.4	406.6	711.0	1202.4	4.67	568.3	488.3	974.3

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _c	α	q	P	H	N _R × 10 ⁻⁶	T _o	T	V
19	4	0.700	46	5.4	6.7	1153.3	0.45	51.2	502.1	769.3
19	5	0.700	-2	8.0	30.9	1165.8	0.61	52.2	502.2	769.3
19	6	0.700	-1	9.1	48.6	1177.7	0.93	52.2	502.2	769.3
19	7	0.699	-1	3.7	56.1	1185.8	0.92	52.2	502.2	769.3
19	8	0.700	-0	5.3	44.5	1194.5	1.17	52.2	502.2	769.3
19	9	0.700	0	2.8	53.2	1171.7	0.93	52.2	502.2	769.3
19	10	0.699	0	2.9	44.5	1183.7	1.13	52.2	502.2	769.3
19	11	0.700	1	2.9	61.9	1194.5	1.13	52.2	502.2	769.3
19	12	0.700	3	2.9	86.9	1206.5	1.13	52.2	502.2	769.3
20	1	1.184	35	4.5	3.3	1269.1	6.40	56.3	437.9	7.6
20	2	1.200	-2	3.7	30.9	1266.7	6.97	56.3	437.9	1.6
20	3	1.202	-1	5.9	22.3	1273.5	6.35	56.6	437.9	1.6
20	4	1.202	-0	2.6	36.6	1281.0	5.13	56.6	437.9	1.6
20	5	1.203	0	9.8	22.9	1289.9	5.99	56.7	437.9	1.6
20	6	1.204	0	4.1	35.4	1299.9	6.84	56.7	437.9	1.6
20	7	1.179	1	0.7	54.6	1311.0	7.05	56.7	437.9	1.6
20	8	1.198	1	4.8	54.6	1320.9	7.20	56.8	437.9	1.6
21	1	1.204	15	1.3	12.4	1293.5	2.27	69.9	441.1	5.5
21	2	1.203	-2	3.8	20.9	1289.9	6.57	69.9	441.1	5.5
21	3	1.203	-1	5.5	35.1	1293.5	6.59	69.9	441.1	5.5
21	4	1.200	-0	4.4	37.9	1297.0	6.67	69.9	441.1	5.5
21	5	1.202	0	1.4	54.9	1306.5	6.78	70.0	442.2	5.5
21	6	1.202	0	3.8	36.7	1307.1	6.80	70.0	442.2	5.5
21	7	1.202	1	4.3	53.9	1309.9	6.78	70.0	442.2	5.5
21	8	1.200	3	4.4	53.9	1309.9	6.78	70.0	442.2	5.5
22	4	1.253	17	5.0	4.0	1245.5	5.57	69.9	437.9	7.6
22	5	1.252	-3	5.8	78.6	1255.3	5.74	70.0	437.9	1.6
22	6	1.252	-1	4.8	86.0	1267.5	6.08	70.0	437.9	1.6
22	7	1.250	0	3.0	96.7	1289.9	6.34	71.1	437.9	1.6
22	8	1.253	0	2.9	105.1	1294.5	6.40	71.2	437.9	1.6
22	9	1.253	0	5.3	105.1	1312.5	6.52	71.3	437.9	1.6
22	10	1.253	1	6.0	110.2	1312.5	6.52	71.3	437.9	1.6
22	11	1.253	3	6.0	110.2	1312.5	6.52	71.3	437.9	1.6
22	12	1.253	5	6.0	110.2	1312.5	6.52	71.3	437.9	1.6
23	1	1.199	4	5.6	3.7	1291.3	6.35	72.2	443.3	8.0
23	2	1.203	-2	7.9	33.7	1299.9	6.52	72.2	443.3	1.6
23	3	1.203	-1	4.3	53.6	1306.5	6.52	72.2	443.3	1.6

TABLE II TUNNEL OPERATING CONDITIONS

Run	Pt	M _C	α	q	p	H	N _R × 10 ⁻⁶	T _O	T	V
3	4	1.203	-0.75	4.5	5.5	5.5	2.5	7.5	3.5	3.5
4	5	1.203	-0.75	4.5	5.5	5.5	2.5	7.5	3.5	3.5
5	6	1.203	-0.75	4.5	5.5	5.5	2.5	7.5	3.5	3.5
6	7	1.203	-0.75	4.5	5.5	5.5	2.5	7.5	3.5	3.5
7	8	1.203	-0.75	4.5	5.5	5.5	2.5	7.5	3.5	3.5
8	9	1.203	-0.75	4.5	5.5	5.5	2.5	7.5	3.5	3.5
9	10	1.203	-0.75	4.5	5.5	5.5	2.5	7.5	3.5	3.5
10	11	1.203	-0.75	4.5	5.5	5.5	2.5	7.5	3.5	3.5
11	12	1.203	-0.75	4.5	5.5	5.5	2.5	7.5	3.5	3.5
12	11	1.203	-0.75	4.5	5.5	5.5	2.5	7.5	3.5	3.5
13	1	0.996	-0.42	5.5	5.5	5.5	2.5	7.5	3.5	3.5
14	2	0.999	-0.42	5.5	5.5	5.5	2.5	7.5	3.5	3.5
15	3	0.999	-0.42	5.5	5.5	5.5	2.5	7.5	3.5	3.5
16	4	0.999	-0.42	5.5	5.5	5.5	2.5	7.5	3.5	3.5
17	5	0.999	-0.42	5.5	5.5	5.5	2.5	7.5	3.5	3.5
18	6	0.999	-0.42	5.5	5.5	5.5	2.5	7.5	3.5	3.5
19	7	0.999	-0.42	5.5	5.5	5.5	2.5	7.5	3.5	3.5
20	8	0.999	-0.42	5.5	5.5	5.5	2.5	7.5	3.5	3.5
21	9	0.999	-0.42	5.5	5.5	5.5	2.5	7.5	3.5	3.5
22	10	0.999	-0.42	5.5	5.5	5.5	2.5	7.5	3.5	3.5
23	11	0.999	-0.42	5.5	5.5	5.5	2.5	7.5	3.5	3.5
24	12	0.999	-0.42	5.5	5.5	5.5	2.5	7.5	3.5	3.5
25	1	0.999	-0.42	5.5	5.5	5.5	2.5	7.5	3.5	3.5
26	2	0.999	-0.42	5.5	5.5	5.5	2.5	7.5	3.5	3.5
27	3	0.999	-0.42	5.5	5.5	5.5	2.5	7.5	3.5	3.5
28	4	0.999	-0.42	5.5	5.5	5.5	2.5	7.5	3.5	3.5
29	5	0.999	-0.42	5.5	5.5	5.5	2.5	7.5	3.5	3.5
30	6	0.999	-0.42	5.5	5.5	5.5	2.5	7.5	3.5	3.5

TABLE II
TUNNEL OPERATING CONDITIONS

[illegible]

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _C	α	q	P	H	N _R × 10 ⁻⁶	T _O	T	V
43	4	1.1	1.1	0.7	0.9	0.3	2.5	1.5	0.5	0.3
44	5	1.1	1.1	0.8	0.9	0.4	1.7	1.5	0.5	0.3
45	6	1.1	1.1	0.9	0.9	0.5	1.4	1.5	0.5	0.3
46	7	1.1	1.1	1.0	0.9	0.6	1.1	1.5	0.5	0.3
47	8	1.1	1.1	1.1	0.9	0.7	0.8	1.5	0.5	0.3
48	9	1.1	1.1	1.2	0.9	0.8	0.6	1.5	0.5	0.3
49	10	1.1	1.1	1.3	0.9	0.9	0.5	1.5	0.5	0.3
50	11	1.1	1.1	1.4	0.9	1.0	0.4	1.5	0.5	0.3
51	12	1.1	1.1	1.5	0.9	1.1	0.3	1.5	0.5	0.3
52	1	1.1	1.1	0.6	0.9	0.2	9.5	7.0	0.0	7.0
53	2	1.1	1.1	0.7	0.9	0.3	1.1	7.0	0.0	7.0
54	3	1.1	1.1	0.8	0.9	0.4	1.6	7.0	0.0	7.0
55	4	1.1	1.1	0.9	0.9	0.5	2.1	7.0	0.0	7.0
56	5	1.1	1.1	1.0	0.9	0.6	2.6	7.0	0.0	7.0
57	6	1.1	1.1	1.1	0.9	0.7	3.1	7.0	0.0	7.0
58	7	1.1	1.1	1.2	0.9	0.8	3.6	7.0	0.0	7.0
59	8	1.1	1.1	1.3	0.9	0.9	4.1	7.0	0.0	7.0
60	9	1.1	1.1	1.4	0.9	1.0	4.6	7.0	0.0	7.0
61	10	1.1	1.1	1.5	0.9	1.1	5.1	7.0	0.0	7.0
62	11	1.1	1.1	1.6	0.9	1.2	5.6	7.0	0.0	7.0
63	12	1.1	1.1	1.7	0.9	1.3	6.1	7.0	0.0	7.0
64	1	1.1	1.1	0.6	0.9	0.2	9.5	7.0	0.0	7.0
65	2	1.1	1.1	0.7	0.9	0.3	1.1	7.0	0.0	7.0
66	3	1.1	1.1	0.8	0.9	0.4	1.6	7.0	0.0	7.0
67	4	1.1	1.1	0.9	0.9	0.5	2.1	7.0	0.0	7.0
68	5	1.1	1.1	1.0	0.9	0.6	2.6	7.0	0.0	7.0
69	6	1.1	1.1	1.1	0.9	0.7	3.1	7.0	0.0	7.0
70	7	1.1	1.1	1.2	0.9	0.8	3.6	7.0	0.0	7.0
71	8	1.1	1.1	1.3	0.9	0.9	4.1	7.0	0.0	7.0
72	9	1.1	1.1	1.4	0.9	1.0	4.6	7.0	0.0	7.0
73	10	1.1	1.1	1.5	0.9	1.1	5.1	7.0	0.0	7.0
74	11	1.1	1.1	1.6	0.9	1.2	5.6	7.0	0.0	7.0
75	12	1.1	1.1	1.7	0.9	1.3	6.1	7.0	0.0	7.0
76	1	1.1	1.1	0.6	0.9	0.2	9.5	7.0	0.0	7.0
77	2	1.1	1.1	0.7	0.9	0.3	1.1	7.0	0.0	7.0
78	3	1.1	1.1	0.8	0.9	0.4	1.6	7.0	0.0	7.0
79	4	1.1	1.1	0.9	0.9	0.5	2.1	7.0	0.0	7.0
80	5	1.1	1.1	1.0	0.9	0.6	2.6	7.0	0.0	7.0
81	6	1.1	1.1	1.1	0.9	0.7	3.1	7.0	0.0	7.0
82	7	1.1	1.1	1.2	0.9	0.8	3.6	7.0	0.0	7.0
83	8	1.1	1.1	1.3	0.9	0.9	4.1	7.0	0.0	7.0
84	9	1.1	1.1	1.4	0.9	1.0	4.6	7.0	0.0	7.0
85	10	1.1	1.1	1.5	0.9	1.1	5.1	7.0	0.0	7.0
86	11	1.1	1.1	1.6	0.9	1.2	5.6	7.0	0.0	7.0
87	12	1.1	1.1	1.7	0.9	1.3	6.1	7.0	0.0	7.0

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _c	α	q	P	H	N _R × 10 ⁻⁶	T _o	T	V
38	5	1.204	45	530.7	523.00	1275.29	2.590	574.0	445.0	1244.5
38	6	1.203	-0.201	522.1	522.00	1272.9	2.586	574.0	444.5	1244.5
38	7	1.203	0.559	522.6	521.9	1268.7	2.577	574.0	445.0	1244.5
38	9	1.204	1.622	523.2	517.5	1265.7	2.565	574.0	444.5	1244.5
38	10	1.205	1.622	523.2	515.4	1259.2	2.556	574.0	444.5	1244.5
38	11	1.204	1.622	523.2	514.3	1255.9	2.546	574.0	444.5	1244.5
38	13	1.201	1.622	523.2	512.0	1260.9	2.572	575.0	445.0	1244.5
38	15	1.201	1.622	523.2	519.0	1265.0	2.559	575.0	446.0	1244.5
39	1	1.005	4.308	453.9	645.0	1230.9	2.385	570.0	474.0	1073.0
39	2	1.005	4.308	456.9	643.4	1230.5	2.385	570.0	474.0	1073.0
39	3	1.003	4.308	456.9	643.4	1230.5	2.385	570.0	474.0	1073.0
39	4	1.004	4.308	456.9	643.4	1230.5	2.385	570.0	474.0	1073.0
39	5	1.004	4.308	456.9	643.4	1230.5	2.385	570.0	474.0	1073.0
39	6	1.004	4.308	456.9	643.4	1230.5	2.385	570.0	474.0	1073.0
39	7	1.003	4.308	456.9	643.4	1230.5	2.385	570.0	474.0	1073.0
39	8	1.001	4.308	456.9	643.4	1230.5	2.385	570.0	474.0	1073.0
39	9	1.001	4.308	456.9	643.4	1230.5	2.385	570.0	474.0	1073.0
40	1	1.004	2.374	452.9	640.6	1219.19	2.359	569.0	473.0	1072.0
40	2	1.002	2.374	448.9	636.0	1211.9	2.359	570.0	474.0	1072.0
40	3	1.001	2.374	448.9	636.0	1211.9	2.359	570.0	474.0	1072.0
40	4	1.001	2.374	448.9	636.0	1211.9	2.359	570.0	474.0	1072.0
40	5	1.004	2.374	448.9	636.0	1211.9	2.359	570.0	474.0	1072.0
40	6	1.004	2.374	448.9	636.0	1211.9	2.359	570.0	474.0	1072.0
40	7	1.003	2.374	448.9	636.0	1211.9	2.359	570.0	474.0	1072.0
40	8	1.003	2.374	448.9	636.0	1211.9	2.359	570.0	474.0	1072.0
40	9	1.003	2.374	448.9	636.0	1211.9	2.359	570.0	474.0	1072.0
41	1	1.002	3.349	441.2	626.0	1199.9	2.374	570.0	474.0	1070.0
41	2	1.002	3.349	445.9	631.0	1203.6	2.393	570.0	474.0	1070.0
41	3	1.002	3.349	447.0	633.0	1207.6	2.401	570.0	474.0	1070.0
41	4	1.001	3.349	447.0	633.0	1207.6	2.401	570.0	474.0	1070.0
41	5	1.001	3.349	447.0	633.0	1207.6	2.401	570.0	474.0	1070.0
41	6	1.001	3.349	447.0	633.0	1207.6	2.401	570.0	474.0	1070.0
41	7	1.000	3.349	449.9	633.0	1212.0	2.434	570.0	474.0	1070.0
41	8	1.000	3.349	451.2	633.0	1215.0	2.431	571.0	475.0	1069.0
41	9	1.000	3.349	452.2	633.0	1222.0	2.431	571.0	475.0	1069.0
42	1	1.002	4.326	449.5	639.0	1213.5	2.420	570.0	474.0	1070.0
42	2	1.000	4.326	449.5	639.0	1213.5	2.418	570.0	474.0	1070.0
42	3	1.000	4.326	448.0	640.0	1215.0	2.418	570.0	474.0	1068.0

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _c	α	q	P	H	N _R × 10 ⁻⁶	T _o	T	V
42	4	0.999	-0.29	44.7	641.3	1213.0	2.419	570.	475.	1068.1
42	5	1.000	-0.29	44.6	640.5	1213.0	2.418	570.	474.	1068.6
42	6	1.001	0.05	44.9	639.1	1214.3	2.422	570.	474.	1070.8
42	7	1.001	0.54	44.8	640.1	1214.6	2.422	570.	474.	1069.8
42	8	1.001	3.65	44.9	642.6	1215.3	2.422	570.	475.	1067.4
42	9	1.001	3.65	44.9	642.6	1215.3	2.422	570.	475.	1067.4
43	1	0.999	-4.58	45.2	646.2	1226.7	2.437	570.	475.	1067.9
43	2	0.999	-4.58	45.3	647.1	1226.7	2.447	570.	475.	1067.9
43	3	1.001	-1.55	45.4	648.1	1228.3	2.447	570.	474.	1069.7
43	4	1.001	-1.55	45.4	648.1	1228.3	2.447	570.	474.	1069.7
43	5	1.001	-1.55	45.4	648.1	1228.3	2.447	570.	474.	1069.7
43	6	1.001	-1.55	45.4	648.1	1228.3	2.447	570.	474.	1069.7
43	7	1.001	-1.55	45.4	648.1	1228.3	2.447	570.	474.	1069.7
43	8	1.001	-1.55	45.4	648.1	1228.3	2.447	570.	474.	1069.7
43	9	1.001	-1.55	45.4	648.1	1228.3	2.447	570.	474.	1069.7
43	10	1.001	-1.55	45.4	648.1	1228.3	2.447	570.	474.	1069.7
43	11	1.001	-1.55	45.4	648.1	1228.3	2.447	570.	474.	1069.7
43	12	1.001	-1.55	45.4	648.1	1228.3	2.447	570.	474.	1069.7
44	4	0.901	-4.54	40.5	703.8	1198.7	2.469	561.	482.	972.8
44	5	0.901	-4.54	40.5	703.8	1198.7	2.469	561.	482.	972.8
44	6	0.901	-4.54	40.5	703.8	1198.7	2.469	561.	482.	972.8
44	7	0.901	-4.54	40.5	703.8	1198.7	2.469	561.	482.	972.8
44	8	0.901	-4.54	40.5	703.8	1198.7	2.469	561.	482.	972.8
44	9	0.901	-4.54	40.5	703.8	1198.7	2.469	561.	482.	972.8
44	10	0.901	-4.54	40.5	703.8	1198.7	2.469	561.	482.	972.8
44	11	0.901	-4.54	40.5	703.8	1198.7	2.469	561.	482.	972.8
44	12	0.901	-4.54	40.5	703.8	1198.7	2.469	561.	482.	972.8
45	1	0.901	-4.54	40.5	703.8	1198.7	2.469	561.	482.	972.8
45	2	0.901	-4.54	40.5	703.8	1198.7	2.469	561.	482.	972.8
45	3	0.901	-4.54	40.5	703.8	1198.7	2.469	561.	482.	972.8
45	4	0.901	-4.54	40.5	703.8	1198.7	2.469	561.	482.	972.8
45	5	0.901	-4.54	40.5	703.8	1198.7	2.469	561.	482.	972.8
45	6	0.901	-4.54	40.5	703.8	1198.7	2.469	561.	482.	972.8
45	7	0.901	-4.54	40.5	703.8	1198.7	2.469	561.	482.	972.8
45	8	0.901	-4.54	40.5	703.8	1198.7	2.469	561.	482.	972.8
45	9	0.901	-4.54	40.5	703.8	1198.7	2.469	561.	482.	972.8
45	10	0.901	-4.54	40.5	703.8	1198.7	2.469	561.	482.	972.8
45	11	0.901	-4.54	40.5	703.8	1198.7	2.469	561.	482.	972.8
45	12	0.901	-4.54	40.5	703.8	1198.7	2.469	561.	482.	972.8
46	4	0.901	-4.54	40.5	703.8	1198.7	2.469	561.	482.	972.8
46	5	0.901	-4.54	40.5	703.8	1198.7	2.469	561.	482.	972.8
46	6	0.901	-4.54	40.5	703.8	1198.7	2.469	561.	482.	972.8
46	7	0.901	-4.54	40.5	703.8	1198.7	2.469	561.	482.	972.8
46	8	0.901	-4.54	40.5	703.8	1198.7	2.469	561.	482.	972.8
46	9	0.901	-4.54	40.5	703.8	1198.7	2.469	561.	482.	972.8
46	10	0.901	-4.54	40.5	703.8	1198.7	2.469	561.	482.	972.8
46	11	0.901	-4.54	40.5	703.8	1198.7	2.469	561.	482.	972.8
46	12	0.901	-4.54	40.5	703.8	1198.7	2.469	561.	482.	972.8

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _c	α	q	p	H	N _R x 10 ⁻⁶	T ₀	T	V
46	4	901	1.43	41.2	723.0	1229.6	2.9	570.	490.	976.1
46	5	902	1.07	41.4	727.9	1234.4	3.6	570.	490.	979.1
46	6	902	0.42	41.5	729.2	1236.4	3.8	570.	490.	979.0
46	7	902	0.52	41.7	730.9	1240.7	3.9	571.	491.	979.9
46	8	902	1.57	41.7	732.0	1246.6	2.3	571.	491.	977.8
46	10	900	3.57	41.7	737.0	1246.6	2.3	571.	491.	977.8
47	1	902	7.66	41.4	726.7	1239.2	7.1	571.	490.	980.3
47	2	902	2.73	41.3	725.5	1239.2	6.2	571.	491.	979.0
47	3	901	1.65	41.2	723.2	1227.4	3.6	571.	491.	979.0
47	4	901	1.16	41.0	721.9	1227.4	3.4	571.	491.	979.0
47	5	901	0.48	40.9	718.1	1221.5	3.4	571.	491.	979.0
47	6	901	0.16	40.8	713.0	1217.5	3.1	571.	491.	979.0
47	7	883	0.41	39.9	731.0	1213.9	3.2	571.	494.	962.5
47	8	883	0.41	39.8	730.7	1213.9	3.1	571.	494.	963.1
47	9	901	3.57	40.6	713.0	1202.4	3.3	571.	491.	979.0
47	10	901	3.57	40.3	710.3	1202.4	3.3	571.	491.	979.0
47	11	901	3.57	40.4	711.2	1205.2	2.2	571.	491.	979.0
47	12	901	3.57	40.4	711.2	1205.2	2.2	571.	491.	979.0
48	1	699	7.76	28.6	828.0	1149.5	7.2	565.	4.	778.1
48	2	703	2.77	28.6	824.8	1148.7	3.8	564.	113.	781.5
48	3	700	1.22	28.4	827.9	1148.7	3.5	562.	112.	781.5
48	4	700	0.56	28.4	831.4	1149.5	3.5	561.	110.	776.1
48	5	700	0.23	28.4	834.0	1152.0	3.5	560.	109.	776.1
48	6	702	0.27	28.8	836.5	1161.3	2.0	560.	109.	776.1
48	7	701	0.28	28.7	835.5	1161.3	2.5	560.	109.	776.1
48	8	702	0.28	28.8	835.5	1161.3	2.5	560.	109.	776.1
48	9	702	0.39	28.8	835.5	1161.3	2.2	560.	109.	776.1
48	10	702	0.39	28.8	835.5	1161.3	2.2	560.	109.	776.1
48	11	702	0.39	28.8	835.5	1161.3	2.2	560.	109.	776.1
48	12	702	0.39	28.8	835.5	1161.3	2.2	560.	109.	776.1
49	1	701	5.57	28.6	830.1	1152.0	5.9	560.	7.	775.2
49	2	699	2.57	28.4	831.0	1152.0	3.4	560.	7.	772.3
49	3	703	1.17	28.6	831.0	1152.0	3.4	560.	7.	772.3
49	4	699	0.53	28.6	831.0	1152.0	3.4	560.	7.	772.3
49	5	699	0.13	28.6	831.0	1152.0	3.4	560.	7.	772.3
49	6	702	0.33	28.6	831.2	1152.0	3.4	560.	7.	772.3
49	7	701	0.33	28.6	831.2	1152.0	3.4	560.	7.	772.3
49	8	701	0.33	28.6	831.2	1152.0	3.4	560.	7.	772.3

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _C	α	q	P	H	N _R x 10 ⁻⁶	T ₀	T	V
50	1	0.701	4.56	286.2	833.1	1157.2	2.029	556.	506.	773.4
50	2	0.704	-2.66	290.6	836.5	1164.4	2.046	556.	506.	773.1
50	3	0.683	-1.61	278.6	853.1	1166.4	2.012	556.	506.	775.9
50	4	0.702	-1.17	290.6	841.0	1169.4	2.058	556.	506.	773.0
50	5	0.701	-0.56	290.5	843.0	1171.4	2.059	556.	506.	773.0
50	6	0.702	-0.21	291.6	845.6	1177.6	2.063	556.	506.	773.4
50	7	0.700	0.33	291.4	848.3	1179.3	2.074	556.	506.	773.0
50	8	0.701	1.33	292.7	849.3	1179.3	2.074	556.	506.	773.0
50	9	0.702	3.37	293.8	851.3	1183.2	2.081	556.	506.	773.4
51	1	0.702	5.6	286.1	827.5	1150.7	2.030	54.	504.	773.3
51	2	0.702	-2.60	285.5	827.7	1149.6	2.022	54.	504.	773.3
51	3	0.702	-1.69	285.9	829.7	1150.2	2.020	54.	504.	773.3
51	4	0.701	-1.19	285.0	829.4	1155.1	2.031	54.	504.	773.3
51	5	0.702	-0.54	284.6	824.4	1146.3	2.018	54.	504.	773.1
51	6	0.698	0.36	282.6	824.6	1145.7	2.014	54.	504.	773.3
51	7	0.702	1.41	282.5	825.6	1147.7	2.023	54.	504.	773.3
51	8	0.701	3.20	283.5	825.6	1147.3	2.015	54.	504.	771.1
52	1	0.702	5.0	285.7	828.3	1151.0	2.039	52.	504.	771.0
52	2	0.699	-4.50	286.8	836.3	1160.0	2.041	52.	504.	770.2
52	3	0.698	-2.60	287.4	843.3	1167.7	2.047	52.	504.	776.9
52	4	0.699	-1.67	291.1	849.1	1179.0	2.060	52.	504.	771.1
52	5	0.699	-1.20	294.3	858.7	1190.2	2.069	52.	504.	771.1
52	6	0.700	-0.53	288.7	859.3	1167.5	2.069	52.	504.	771.3
52	7	0.700	0.35	291.7	848.1	1177.3	2.069	52.	504.	771.3
52	8	0.701	1.35	292.3	856.3	1189.3	2.073	52.	504.	772.0
52	9	0.700	3.29	292.3	850.3	1180.3	2.073	52.	504.	772.0
53	1	0.900	4.3	403.7	717.0	1202.3	4.54	45.	469.	955.2
53	2	0.899	-2.50	408.3	720.6	1211.5	4.54	45.	471.	955.4
53	3	0.899	-1.40	409.7	725.1	1214.4	4.54	45.	473.	955.9
53	4	0.898	-0.90	409.2	725.1	1223.0	4.54	45.	474.	955.9
53	5	0.899	-0.40	412.3	732.2	1237.0	4.67	45.	475.	956.1
53	6	0.897	0.62	416.1	737.0	1244.0	4.67	45.	477.	956.1
53	7	0.899	1.42	418.9	739.5	1250.3	4.68	45.	476.	956.2
53	8	0.900	3.52	419.3	738.8	1249.3	4.68	45.	476.	956.3
54	1	0.997	4.20	446.3	640.5	1209.3	5.13	49.	457.	1045.3
54	2	0.979	-2.31	441.0	656.4	1213.1	5.13	49.	462.	1032.0
54	3	0.999	-1.27	450.2	644.3	1218.4	5.13	49.	460.	1030.1

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _c	α	q	P	H	N _R x 10 ⁻⁶	T ₀	T	V
54	4	0.000	-0.84	453.2	647.6	1236.1	2.49	553.9	459.	105.2
55	5	0.001	-0.24	456.4	657.9	1232.5	5.58	553.9	460.	105.3
56	6	0.997	0.17	459.2	653.8	1240.5	5.74	553.9	460.	105.3
57	7	0.999	1.63	461.2	662.9	1250.4	5.92	554.4	461.	105.4
58	8	0.999	3.75	464.6	663.5	1256.8	6.03	554.4	462.	105.8
59	9	0.997	3.75	466.3	669.5	1263.8	6.13	554.4	462.	105.8
60	1	0.205	-4.15	530.9	521.5	1274.6	2.82	559.	453.	105.9
61	2	0.144	-2.25	532.8	524.7	1274.6	6.87	559.	453.	105.9
62	3	0.204	-1.23	530.9	519.0	1277.0	6.67	559.	453.	105.9
63	4	0.203	-0.20	526.0	513.5	1255.8	6.57	561.	453.	105.7
64	5	0.203	0.22	528.6	516.9	1258.0	6.69	561.	453.	105.7
65	6	0.203	0.66	527.6	520.9	1258.0	6.49	562.	453.	105.7
66	7	0.203	1.38	527.6	521.9	1266.8	6.54	562.	453.	105.7
67	8	0.203	3.83	527.6	519.5	1266.8	6.47	562.	453.	105.7
68	9	0.203	3.83	527.6	519.5	1266.8	6.47	562.	453.	105.7
69	10	0.204	-4.28	542.1	533.5	1290.9	7.77	560.	454.	105.9
70	11	0.203	-1.50	543.7	535.5	1302.4	7.22	560.	454.	105.9
71	12	0.203	-1.05	543.7	535.5	1304.6	7.29	560.	454.	105.9
72	13	0.203	-0.52	543.7	535.5	1306.8	7.28	560.	454.	105.9
73	14	0.203	-0.01	543.7	535.5	1306.8	7.15	560.	454.	105.9
74	15	0.203	0.57	543.7	535.5	1306.8	7.02	560.	454.	105.9
75	16	0.204	1.20	543.7	535.5	1306.8	7.03	560.	454.	105.9
76	17	0.204	1.80	543.7	535.5	1306.8	7.03	560.	454.	105.9
77	18	0.204	2.4	543.7	535.5	1306.8	7.03	560.	454.	105.9
78	19	0.204	3.0	543.7	535.5	1306.8	7.03	560.	454.	105.9
79	20	0.204	3.6	543.7	535.5	1306.8	7.03	560.	454.	105.9
80	21	0.204	4.2	543.7	535.5	1306.8	7.03	560.	454.	105.9
81	22	0.204	4.8	543.7	535.5	1306.8	7.03	560.	454.	105.9
82	23	0.204	5.4	543.7	535.5	1306.8	7.03	560.	454.	105.9
83	24	0.204	6.0	543.7	535.5	1306.8	7.03	560.	454.	105.9
84	25	0.204	6.6	543.7	535.5	1306.8	7.03	560.	454.	105.9
85	26	0.204	7.2	543.7	535.5	1306.8	7.03	560.	454.	105.9
86	27	0.204	7.8	543.7	535.5	1306.8	7.03	560.	454.	105.9
87	28	0.204	8.4	543.7	535.5	1306.8	7.03	560.	454.	105.9
88	29	0.204	9.0	543.7	535.5	1306.8	7.03	560.	454.	105.9
89	30	0.204	9.6	543.7	535.5	1306.8	7.03	560.	454.	105.9
90	31	0.204	10.2	543.7	535.5	1306.8	7.03	560.	454.	105.9
91	32	0.204	10.8	543.7	535.5	1306.8	7.03	560.	454.	105.9
92	33	0.204	11.4	543.7	535.5	1306.8	7.03	560.	454.	105.9
93	34	0.204	12.0	543.7	535.5	1306.8	7.03	560.	454.	105.9
94	35	0.204	12.6	543.7	535.5	1306.8	7.03	560.	454.	105.9
95	36	0.204	13.2	543.7	535.5	1306.8	7.03	560.	454.	105.9
96	37	0.204	13.8	543.7	535.5	1306.8	7.03	560.	454.	105.9
97	38	0.204	14.4	543.7	535.5	1306.8	7.03	560.	454.	105.9
98	39	0.204	15.0	543.7	535.5	1306.8	7.03	560.	454.	105.9
99	40	0.204	15.6	543.7	535.5	1306.8	7.03	560.	454.	105.9
100	41	0.204	16.2	543.7	535.5	1306.8	7.03	560.	454.	105.9
101	42	0.204	16.8	543.7	535.5	1306.8	7.03	560.	454.	105.9
102	43	0.204	17.4	543.7	535.5	1306.8	7.03	560.	454.	105.9
103	44	0.204	18.0	543.7	535.5	1306.8	7.03	560.	454.	105.9
104	45	0.204	18.6	543.7	535.5	1306.8	7.03	560.	454.	105.9
105	46	0.204	19.2	543.7	535.5	1306.8	7.03	560.	454.	105.9
106	47	0.204	19.8	543.7	535.5	1306.8	7.03	560.	454.	105.9
107	48	0.204	20.4	543.7	535.5	1306.8	7.03	560.	454.	105.9
108	49	0.204	21.0	543.7	535.5	1306.8	7.03	560.	454.	105.9
109	50	0.204	21.6	543.7	535.5	1306.8	7.03	560.	454.	105.9
110	51	0.204	22.2	543.7	535.5	1306.8	7.03	560.	454.	105.9
111	52	0.204	22.8	543.7	535.5	1306.8	7.03	560.	454.	105.9
112	53	0.204	23.4	543.7	535.5	1306.8	7.03	560.	454.	105.9
113	54	0.204	24.0	543.7	535.5	1306.8	7.03	560.	454.	105.9
114	55	0.204	24.6	543.7	535.5	1306.8	7.03	560.	454.	105.9
115	56	0.204	25.2	543.7	535.5	1306.8	7.03	560.	454.	105.9
116	57	0.204	25.8	543.7	535.5	1306.8	7.03	560.	454.	105.9
117	58	0.204	26.4	543.7	535.5	1306.8	7.03	560.	454.	105.9
118	59	0.204	27.0	543.7	535.5	1306.8	7.03	560.	454.	105.9
119	60	0.204	27.6	543.7	535.5	1306.8	7.03	560.	454.	105.9
120	61	0.204	28.2	543.7	535.5	1306.8	7.03	560.	454.	105.9
121	62	0.204	28.8	543.7	535.5	1306.8	7.03	560.	454.	105.9
122	63	0.204	29.4	543.7	535.5	1306.8	7.03	560.	454.	105.9
123	64	0.204	30.0	543.7	535.5	1306.8	7.03	560.	454.	105.9
124	65	0.204	30.6	543.7	535.5	1306.8	7.03	560.	454.	105.9
125	66	0.204	31.2	543.7	535.5	1306.8	7.03	560.	454.	105.9
126	67	0.204	31.8	543.7	535.5	1306.8	7.03	560.	454.	105.9
127	68	0.204	32.4	543.7	535.5	1306.8	7.03	560.	454.	105.9
128	69	0.204	33.0	543.7	535.5	1306.8	7.03	560.	454.	105.9
129	70	0.204	33.6	543.7	535.5	1306.8	7.03	560.	454.	105.9
130	71	0.204	34.2	543.7	535.5	1306.8	7.03	560.	454.	105.9
131	72	0.204	34.8	543.7	535.5	1306.8	7.03	560.	454.	105.9
132	73	0.204	35.4	543.7	535.5	1306.8	7.03	560.	454.	105.9
133	74	0.204	36.0	543.7	535.5	1306.8	7.03	560.	454.	105.9
134	75	0.204	36.6	543.7	535.5	1306.8	7.03	560.	454.	105.9
135	76	0.204	37.2	543.7	535.5	1306.8	7.03	560.	454.	105.9
136	77	0.204	37.8	543.7	535.5	1306.8	7.03	560.	454.	105.9
137	78	0.204	38.4	543.7	535.5	1306.8	7.03	560.	454.	105.9
138	79	0.204	39.0	543.7	535.5	1306.8	7.03	560.	454.	105.9
139	80	0.204	39.6	543.7	535.5	1306.8	7.03	560.	454.	105.9
140	81	0.204	40.2	543.7	535.5	1306.8	7.03	560.	454.	105.9
141	82	0.204	40.8	543.7	535.5	1306.8	7.03	560.	454.	105.9
142	83	0.204	41.4	543.7	535.5	1306.8	7.03	560.	454.	105.9
143	84	0.204	42.0	543.7	535.5	1306.8	7.03	560.	454.	105.9
144	85	0.204	42.6	543.7	535.5	1306.8	7.03	560.	454.	105.9
145	86	0.204	43.2	543.7	535.5	1306.8	7.03	560.	454.	105.9
146	87	0.204	43.8	543.7	535.5	1306.8	7.03	560.	454.	105.9
147	88	0.204	44.4	543.7	535.5	1306.8	7.03	560.	454.	105.9
148	89	0.204	45.0	543.7	535.5	1306.8	7.03	560.	454.	105.9
149	90	0.204	45.6	543.7	535.5	1306.8	7.03	560.	454.	105.9
150	91	0.204	46.2	543.7	535.5	1306.8	7.03	560.	454.	105.9
151	92	0.204	46.8	543.7	535.5	1306.8	7.03	560.	454.	105.9
152	93	0.204	47.4	543.7	535.5	1306.8	7.03	560.	454.	105.9
153	94	0.204	48.0	543.7	535.5	1306.8	7.03	560.	454.	105.9
154	95	0.204	48.6	543.7	535.5	1306.8	7.03	560.	454.	105.9
155	96	0.204	49.2	543.7	535.5	1306.8	7.03	560.	454.	105.9
156	97	0.204	49.8	543.7	535.5	1306.8	7.03	560.	454.	105.9
157	98	0.204	50.4	543.7	535.5	1306.8	7.03	560.	454.	105.9
158	99	0.204	51.0	543.7	535.5	1306.8	7.03	560.	454.	105.9
159	100	0.204	51.6	543.7	535.5	1306.8	7.03	560.	454.	105.9
160	101	0.204	52.2	543.7	535.5	1306.8	7.03	560.	454.	105.9
161	102	0.204	52.8	543.7	535.5	1306.8	7.03	560.	454.	105.9
162	103	0.204	53.4	543.7	535.5	1306.8	7.03	560.	454.	105.9
163	104	0.204	54.0	543.7	535.5	1306.8	7.03	560.	454.	105.9
164	105	0.204	54.6	543.7	535.5	1306.8	7.03	560.	454.	105.9
165	106	0.204	55.2	543.7	535.5	1306.8	7.03	560.	454.	105.9
166	107	0.204	55.8	543.7	535.5	1306.8	7.03	560.	454.	105.9
167	108	0.204	56.4	543.7	535.5	1306.8	7.03	560.	454.	105.9
168	109	0.204	57.0	543.7	535.5	1306.8	7.03	560.	454.	105.9
169	110	0.204	57.6							

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _c	α	q	P	H	N _R × 10 ⁻⁶	T _o	T	V
58	5	901	4	406.6	715.6	1212	22	560	401	969
58	6	901	2.69	407.2	716.5	1214	22	561	403	970
58	7	901	-1.14	408.5	717.5	1215	22	562	403	971
58	8	899	-1.1	407.5	719.5	1216	22	563	404	972
58	9	901	-0.66	408.6	718.5	1217	22	563	404	973
58	10	898	-0.45	407.7	721.5	1218	22	563	404	969
58	11	898	1.38	407.9	720.5	1219	22	564	405	974
58	12	902	0.45	409.2	727.5	1222	22	564	405	974
58	13	882	1.3	398.3	731.0	1213	22	565	406	955
58	14	882	9.56	399.8	732.9	1217	22	565	409	955
58	15	880	9.54	409.2	732.9	1217	22	565	409	955
58	16	902	-0.44	409.8	717.7	1217	22	565	405	974
58	1	701	4	288.0	835.6	1161	22	57	507	774
58	2	701	7.48	288.0	836.8	1161	22	57	506	773
58	3	701	-2.73	288.1	836.2	1162	22	57	506	773
58	4	701	-1.25	288.1	836.2	1162	22	57	506	773
58	5	702	-1.65	289.0	836.2	1163	22	57	505	773
58	6	704	-0.22	288.1	836.2	1164	22	57	504	773
58	7	701	-0.22	288.1	836.2	1164	22	57	504	773
58	8	701	1.32	288.1	836.2	1164	22	57	504	773
58	9	702	2.27	288.1	836.2	1164	22	57	504	773
58	10	699	3.34	288.1	836.2	1164	22	57	504	773
58	11	701	9.5	288.1	836.2	1164	22	57	504	773
58	12	699	9.5	288.1	836.2	1164	22	57	504	773
58	13	699	-0.45	288.1	836.2	1164	22	57	504	773

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M_c	α	q	P	H	$N_R \times 10^{-6}$	T_o	T	V
6666666666666666	456789 111234	1.0000000000000000 1.0000000000000000 1.0000000000000000 1.0000000000000000 1.0000000000000000 1.0000000000000000 1.0000000000000000 1.0000000000000000 1.0000000000000000 1.0000000000000000	-1.0000000000000000 -1.0000000000000000 -1.0000000000000000 0.0000000000000000 0.0000000000000000 0.0000000000000000 0.0000000000000000 0.0000000000000000 0.0000000000000000 0.0000000000000000	538.9 539.1 540.0 540.0 540.0 540.0 540.0 540.0 540.0 540.0	30.0 30.0 30.0 30.0 30.0 30.0 30.0 30.0 30.0 30.0	1294 1294 1294 1294 1294 1294 1294 1294 1294 1294	724 724 724 724 724 724 724 724 724 724	559 559 559 559 559 559 559 559 559 559	433 433 433 433 433 433 433 433 433 433	7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0
6444444444444444	123456789	1.0000000000000000 1.0000000000000000 1.0000000000000000 1.0000000000000000 1.0000000000000000 1.0000000000000000 1.0000000000000000 1.0000000000000000 1.0000000000000000 1.0000000000000000	-1.0000000000000000 -1.0000000000000000 -1.0000000000000000 0.0000000000000000 0.0000000000000000 0.0000000000000000 0.0000000000000000 0.0000000000000000 0.0000000000000000 0.0000000000000000	460.0 458.0 456.0 456.0 457.0 458.0 459.0 459.0 459.0 459.0	53.0 53.0 53.0 53.0 53.0 53.0 53.0 53.0 53.0 53.0	1294 1294 1294 1294 1294 1294 1294 1294 1294 1294	525 525 525 525 525 525 525 525 525 525	562 562 562 562 562 562 562 562 562 562	467 467 467 467 467 467 467 467 467 467	106 106 106 106 106 106 106 106 106 106
6555555555555555	67890 111234	0.9000000000000000 0.9000000000000000 0.9000000000000000 0.9000000000000000 0.9000000000000000 0.9000000000000000 0.9000000000000000 0.9000000000000000 0.9000000000000000 0.9000000000000000	-1.0000000000000000 -1.0000000000000000 -1.0000000000000000 0.0000000000000000 0.0000000000000000 0.0000000000000000 0.0000000000000000 0.0000000000000000 0.0000000000000000 0.0000000000000000	408.0 408.0 409.0 410.0 410.0 410.0 410.0 410.0 410.0 410.0	715 715 715 715 715 715 715 715 715 715	1294 1294 1294 1294 1294 1294 1294 1294 1294 1294	407 407 407 407 407 407 407 407 407 407	559 559 559 559 559 559 559 559 559 559	478 478 478 478 478 478 478 478 478 478	968 968 968 968 968 968 968 968 968 968
6666666666666666	1234567890	0.8000000000000000 0.8000000000000000 0.8000000000000000 0.8000000000000000 0.8000000000000000 0.8000000000000000 0.8000000000000000 0.8000000000000000 0.8000000000000000 0.8000000000000000	-1.0000000000000000 -1.0000000000000000 -1.0000000000000000 0.0000000000000000 0.0000000000000000 0.0000000000000000 0.0000000000000000 0.0000000000000000 0.0000000000000000 0.0000000000000000	77.0 77.0 77.0 77.0 77.0 77.0 77.0 77.0 77.0 77.0	85.0 85.0 85.0 85.0 85.0 85.0 85.0 85.0 85.0 85.0	1294 1294 1294 1294 1294 1294 1294 1294 1294 1294	35 35 35 35 35 35 35 35 35 35	559 559 559 559 559 559 559 559 559 559	505 505 505 505 505 505 505 505 505 505	777 777 777 777 777 777 777 777 777 777

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _c	α	q	P	H	N _R × 10 ⁻⁶	T _o	T	V
68	20	701	45	286	49	152	2	51	504	770
68	21	682	56	278	53	1166	046	51	501	750
68	22	702	-1	295	46	1176	089	51	502	770
68	23	701	59	295	53	1187	107	52	502	770
68	24	702	-1	295	46	1189	107	52	502	771
68	25	702	55	296	53	1193	107	52	502	771
68	26	700	35	292	48	1179	109	52	502	771
68	27	702	59	294	53	1188	109	52	502	770
68	28	702	39	297	46	1196	120	53	503	771
68	29	702	61	300	53	1208	125	53	503	772
68	30	702	-1	300	53	1208	125	53	503	772
69	0	906	38	416	72	123	0	62	483	975
69	5	916	41	421	66	123	22	62	482	975
69	6	916	39	421	71	123	37	62	481	985
69	7	926	32	426	109	123	49	62	481	994
69	8	901	36	412	75	123	73	63	484	972
69	9	902	47	417	30	123	33	63	484	973
69	10	902	90	420	16	123	33	64	484	974
69	11	901	40	422	36	123	37	64	485	973
69	12	901	07	433	61	123	50	64	485	973
69	13	901	06	433	72	123	58	64	485	973
69	14	901	49	419	61	123	70	66	485	973
69	15	901	64	419	77	123	97	66	486	975
69	16	902	52	426	74	124	26	66	486	976
70	1	002	8	451	64	124	3	64	469	106
70	2	002	21	457	10	123	8	64	469	106
70	3	002	39	463	59	123	51	64	469	106
70	4	001	88	470	28	123	71	64	469	106
70	5	001	35	443	61	119	29	64	469	106
70	6	000	17	453	17	122	50	65	470	106
70	7	000	60	461	35	124	73	65	470	106
70	8	984	57	463	32	120	53	65	470	106
70	9	1	62	464	63	120	53	65	470	106
71	1	405	6	110	95	107	4	49	531	458
71	2	404	74	111	70	1086	266	48	530	457
71	3	403	68	112	83	1106	300	48	530	457
71	4	402	1	108	59	1106	367	48	530	457
71	5	404	77	110	39	1083	207	44	526	454
71	6	404	17	112	14	1097	295	44	526	454
71	7	403	24	108	45	1057	295	44	526	454
71	8	403	26	110	3	1080	295	44	526	454
71	9	403	24	110	3	1080	295	44	526	454

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _c	α	q	P	H	N _R × 10 ⁻⁶	T _o	T	V
72	4	1.204	5	521.6	511.4	1259.8	2.9	562.1	434.3	41.2
72	5	1.206	4	523.4	524.7	1282.8	6.0	563.2	435.5	41.3
72	6	1.205	-1	554.7	532.0	1300.7	2.7	563.3	435.5	41.3
72	8	1.205	-1	556.0	542.7	1335.5	1.6	564.4	437.9	41.4
72	10	1.204	0	528.3	522.6	1271.6	2.4	567.5	439.9	41.5
72	11	1.205	1	537.3	528.6	1290.4	2.4	567.5	439.9	41.5
72	12	1.204	3	541.4	552.9	1300.4	2.5	567.5	439.9	41.5
73	1	0.898	4	406.3	719.5	1244.6	2.3	567.5	488.0	72.5
73	3	0.902	-1	411.0	731.5	1233.1	3.2	567.5	487.7	72.6
73	4	0.901	-1	416.4	730.0	1238.0	2.0	567.5	487.7	72.6
73	5	0.902	-1	419.9	734.2	1245.8	4.4	567.5	487.7	72.6
73	6	0.901	0	422.9	742.0	1259.0	1.4	567.5	487.7	72.6
73	7	0.899	0	409.4	719.4	1214.7	3.6	567.5	488.0	72.6
73	8	0.902	1	414.2	726.9	1232.2	2.5	568.0	488.0	72.6
73	9	0.901	3	417.4	733.2	1242.6	2.5	568.0	488.0	72.6
74	1	1.001	4	435.9	620.4	1177.1	3.6	563.3	468.0	106.3
74	2	1.003	-1	439.3	634.2	1186.7	4.2	563.3	468.0	106.3
74	3	1.001	-1	443.1	631.9	1197.4	2.6	563.3	468.0	106.3
74	4	1.001	-1	446.1	634.9	1204.1	4.5	563.3	468.0	106.3
74	5	1.000	-1	448.1	645.9	1220.3	1.7	564.4	469.9	106.3
74	6	1.000	0	452.9	649.3	1238.8	5.5	564.4	470.0	106.3
74	7	1.002	0	459.0	652.1	1253.6	1.8	564.4	469.9	106.3
74	8	1.000	1	461.3	658.6	1245.4	2.1	564.4	469.9	106.3
74	9	1.001	3	464.4	661.1	1245.4	2.8	564.4	469.9	106.3
75	1	1.204	6	517.8	509.3	1249.2	5.8	569.9	444.0	38.1
75	2	1.181	-1	515.0	527.5	1245.4	5.5	569.9	444.0	38.1
75	3	1.204	-1	526.0	519.9	1257.4	5.9	569.9	444.0	38.1
75	4	1.203	-1	531.8	533.9	1272.0	4.9	569.9	444.0	38.1
75	5	1.204	0	537.0	539.8	1290.7	7.1	570.0	444.0	38.1
75	6	1.204	0	542.0	546.0	1300.2	6.8	570.0	444.0	38.1
75	7	1.182	1	545.3	553.6	1316.4	4.0	571.1	444.0	38.1
75	8	1.204	3	545.3	553.6	1316.4	7.2	571.1	444.0	38.1
75	9	1.182	1	545.3	553.6	1316.4	2.9	571.1	444.0	38.1
75	10	1.204	1	545.3	553.6	1316.4	2.9	571.1	444.0	38.1
75	11	1.204	1	545.3	553.6	1316.4	2.9	571.1	444.0	38.1

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _c	α	q	p	H	N _R x 10 ⁻⁶	T _o	T	V
76	1	203	4.24	542.7	355.6	1304.5	2661	572.0	443.0	110.0
76	2	204	-4.29	544.1	536.6	1308.6	2670	572.0	443.0	110.0
76	3	182	-1.70	546.8	537.3	1311.5	2677	572.0	443.0	110.0
76	4	204	-0.30	549.8	554.6	1322.0	2689	573.0	443.0	110.0
76	5	205	0.24	551.4	541.8	1322.6	2695	573.0	443.0	110.0
76	6	201	0.72	552.1	544.3	1322.6	2701	573.0	443.0	110.0
76	7	204	1.70	552.5	547.5	1323.2	2706	573.0	443.0	110.0
76	8	204	3.76	554.5	546.6	1323.2	2712	573.0	443.0	110.0
77	4	204	4.18	552.0	512.3	1250.0	2605	563.0	436.0	110.0
77	5	204	-2.19	552.4	514.6	1255.9	2610	564.0	437.0	110.0
77	6	204	-1.25	552.4	516.6	1255.9	2614	565.0	437.0	110.0
77	7	205	-0.21	552.4	516.6	1255.9	2614	566.0	437.0	110.0
77	8	203	0.26	552.3	516.6	1255.9	2614	567.0	437.0	110.0
77	9	204	0.68	552.3	516.6	1255.9	2614	567.0	437.0	110.0
77	10	204	1.75	552.3	516.6	1255.9	2614	568.0	437.0	110.0
77	11	182	3.90	551.8	529.4	1255.9	2614	568.0	437.0	110.0
78	1	203	4.29	552.9	519.2	1266.7	2629	569.0	441.0	110.0
78	2	203	-4.29	553.1	532.5	1269.7	2659	570.0	441.0	110.0
78	3	205	-2.50	554.0	532.5	1269.7	2659	571.0	441.0	110.0
78	4	205	-1.86	554.1	532.5	1269.7	2659	571.0	441.0	110.0
78	5	204	0.86	554.2	532.5	1269.7	2659	571.0	441.0	110.0
78	6	205	0.28	554.3	532.5	1269.7	2659	571.0	441.0	110.0
78	7	204	0.72	554.3	532.5	1269.7	2659	571.0	441.0	110.0
78	8	205	1.75	554.4	532.5	1269.7	2659	571.0	441.0	110.0
79	1	206	3.75	554.4	532.5	1269.7	2659	571.0	441.0	110.0
79	2	206	-4.29	554.4	532.5	1269.7	2659	571.0	441.0	110.0
79	3	206	-2.50	554.4	532.5	1269.7	2659	571.0	441.0	110.0
79	4	206	-1.86	554.4	532.5	1269.7	2659	571.0	441.0	110.0
79	5	206	0.86	554.4	532.5	1269.7	2659	571.0	441.0	110.0
79	6	206	0.28	554.4	532.5	1269.7	2659	571.0	441.0	110.0
79	7	206	0.72	554.4	532.5	1269.7	2659	571.0	441.0	110.0
79	8	206	1.75	554.4	532.5	1269.7	2659	571.0	441.0	110.0
80	1	201	4.26	540.9	627.8	1190.7	2374	570.0	474.0	106.0
80	2	200	-2.22	541.6	630.6	1194.1	2375	571.0	475.0	106.0

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _c	α	q	P	H	N _R x 10 ⁻⁶	T ₀	T	V
80	3	1.003	-1.32	44.2	630.5	1197.5	2.384	571.5	475.5	1071.2
80	4	1.003	-1.28	44.0	633.5	1203.2	2.395	571.5	475.5	1071.7
80	5	1.002	-1.19	44.6	635.5	1206.0	2.403	571.5	475.5	1069.0
80	6	1.000	0.19	44.7	637.6	1208.5	2.410	571.5	475.5	1072.4
80	7	1.003	1.79	44.9	638.2	1210.3	2.418	571.5	474.5	1070.7
80	8	1.002	3.72	44.9	638.2	1212.3	2.418	570.5	474.5	1070.7
81	1	1.001	-4.26	43.3	616.5	1172.8	2.339	570.5	474.5	1069.4
81	2	1.002	-1.22	43.7	621.0	1180.1	2.359	569.5	473.5	1069.4
81	3	1.009	-1.25	44.0	630.1	1191.1	2.381	569.5	473.5	1066.6
81	4	1.003	-0.75	44.5	631.3	1194.7	2.389	569.5	473.5	1070.5
81	5	1.003	-0.26	44.3	628.8	1195.3	2.390	569.5	473.5	1070.5
81	6	1.000	0.22	44.5	628.2	1197.0	2.391	569.5	473.5	1069.3
81	7	1.000	0.67	44.2	631.2	1198.8	2.397	569.5	473.5	1069.6
81	8	1.002	1.74	44.4	631.2	1198.8	2.397	569.5	473.5	1069.6
82	1	1.004	-4.16	45.0	649.0	1234.0	2.475	570.5	474.5	1070.5
82	2	1.004	-2.33	45.6	653.5	1235.5	2.468	569.5	473.5	1066.5
82	3	1.001	-1.30	45.6	651.2	1235.5	2.470	569.5	473.5	1066.5
82	4	1.002	-0.73	45.8	651.2	1235.5	2.473	569.5	473.5	1069.7
82	5	1.001	-0.26	45.8	651.2	1235.5	2.473	570.5	474.5	1069.7
82	6	1.003	0.25	45.8	651.2	1235.5	2.473	570.5	474.5	1069.7
82	7	1.000	0.69	45.8	651.2	1235.5	2.473	570.5	474.5	1069.7
82	8	1.009	1.73	46.0	651.2	1234.0	2.475	570.5	474.5	1067.2
83	4	0.902	-4.41	40.0	701.9	1190.5	2.337	562.5	483.5	972.5
83	5	0.902	-2.47	40.3	707.9	1200.5	2.346	564.5	484.5	974.5
83	6	0.902	-1.92	40.7	710.6	1205.7	2.350	565.5	485.5	974.5
83	7	0.902	-0.97	41.0	714.9	1211.9	2.356	566.5	486.5	975.5
83	8	0.903	0.00	41.2	719.5	1214.0	2.367	567.5	487.5	976.5
83	9	0.902	0.60	41.5	725.9	1223.7	2.371	568.5	488.5	977.5
83	10	0.903	1.62	41.9	733.9	1234.5	2.383	568.5	488.5	977.5
83	11	0.903	3.62	41.9	733.9	1234.5	2.383	568.5	488.5	977.5
84	1	0.901	-4.37	41.2	722.1	1223.5	2.363	569.5	489.5	977.5
84	2	0.903	-2.36	41.7	721.5	1225.1	2.367	569.5	489.5	979.5
84	3	0.903	-1.49	41.2	722.5	1226.8	2.370	569.5	489.5	979.5
84	4	0.902	-0.86	41.2	726.6	1229.6	2.368	570.5	490.5	977.5

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _c	α	q	P	H	N _R × 10 ⁻⁶	T ₀	T	V
84	6	0.901	0.04	413.3	726.1	1230.5	2.370	570.	490.	978.5
84	7	0.902	0.56	414.2	725.5	1231.4	2.373	570.	490.	979.9
84	8	0.903	1.60	415.0	726.1	1233.8	2.378	570.	490.	979.7
85	1	0.902	-4.30	413.8	726.1	1231.1	2.372	570.	490.	979.0
85	2	0.901	-2.37	412.7	725.8	1229.8	2.368	571.	491.	978.7
85	3	0.902	-1.92	412.5	721.8	1224.0	2.353	571.	491.	980.0
85	4	0.902	-0.45	411.5	717.2	1218.0	2.338	571.	491.	979.9
85	5	0.902	0.05	408.3	715.1	1212.3	2.330	571.	491.	979.7
85	6	0.902	0.54	407.5	713.0	1211.5	2.331	571.	491.	979.5
85	7	0.882	1.52	407.6	716.5	1213.8	2.335	571.	491.	979.2
85	8	0.901	3.57	407.6	716.5	1213.8	2.335	571.	491.	979.2
86	1	0.702	-4.45	284.0	821.2	1142.1	1.973	53.	12.	779.7
86	2	0.701	-2.49	285.7	828.3	1150.3	1.936	53.	12.	778.6
86	3	0.702	-1.59	287.4	833.0	1158.3	1.905	53.	11.	778.5
86	4	0.702	-0.58	293.8	840.9	1168.1	2.023	53.	11.	778.0
86	5	0.701	-0.28	293.9	840.9	1161.7	2.046	53.	11.	779.0
86	6	0.701	0.36	286.9	834.0	1153.5	1.984	56.	10.	777.0
86	7	0.701	1.42	288.9	838.6	1164.5	2.042	56.	10.	776.2
86	8	0.701	3.42	291.5	846.4	1175.6	2.042	56.	10.	776.2
87	1	0.701	-4.49	286.5	830.9	1154.5	2.005	56.	10.	777.5
87	2	0.701	-2.47	287.7	832.2	1156.1	2.005	56.	10.	777.4
87	3	0.703	-1.59	288.7	834.5	1158.5	2.011	56.	10.	777.7
87	4	0.701	-0.51	288.7	836.5	1162.0	2.015	56.	10.	777.3
87	5	0.681	-0.05	277.3	832.9	1164.4	1.989	56.	10.	777.2
87	6	0.682	0.44	277.5	835.3	1166.7	2.022	56.	10.	777.0
87	7	0.701	1.56	289.0	841.2	1168.5	2.022	56.	10.	777.9
87	8	0.701	3.48	290.0	841.2	1168.5	2.022	56.	10.	777.7
88	1	0.699	-4.47	281.5	821.1	1139.9	1.972	56.	10.	775.2
88	2	0.701	-2.47	283.3	825.0	1141.5	1.979	56.	10.	777.4
88	3	0.702	-1.53	284.4	825.3	1143.5	1.984	56.	10.	777.7
88	4	0.702	-0.15	284.8	825.3	1145.9	1.988	56.	10.	778.2
88	5	0.700	0.12	287.3	836.6	1151.4	2.012	56.	10.	778.4
88	6	0.681	0.46	287.7	836.2	1163.6	2.017	56.	10.	776.4
88	7	0.682	1.50	278.3	835.8	1166.6	1.987	56.	10.	775.7

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _c	α	q	P	H	N _R × 10 ⁻⁶	T _o	T	V
88	9	0.701	3.44	289.4	841.2	1167.9	2.024	561.	510.	776.5
89	1	0.699	4.47	287.9	841.7	1166.5	2.013	562.	511.	775.2
89	2	0.701	-2.59	289.4	840.4	1167.2	2.018	562.	511.	777.0
89	3	0.700	-1.57	289.2	841.1	1167.8	2.022	562.	511.	777.4
89	4	0.702	-0.58	290.0	841.2	1167.6	2.021	562.	511.	777.9
89	5	0.701	-0.52	289.0	841.0	1168.1	2.023	562.	511.	777.0
89	6	0.701	-0.07	290.1	841.4	1169.3	2.023	562.	511.	777.3
89	7	0.701	0.40	290.0	841.7	1169.1	2.023	562.	511.	777.3
89	8	0.701	1.56	290.0	842.0	1170.4	2.023	562.	511.	777.3
89	9	0.702	3.44	290.7	844.4	1170.4	2.023	562.	511.	778.6
89	10	0.702	-0.54	291.5	844.4	1173.4	2.031	562.	511.	778.6
90	4	0.401	6.3	108.0	957.4	1069.4	1.0	553.	515.	455.9
90	5	0.397	-2.58	106.3	959.4	1070.0	1.0	554.	516.	455.0
90	6	0.401	-1.72	108.2	958.7	1071.1	1.0	555.	516.	455.0
90	7	0.401	-1.16	108.0	958.0	1071.4	1.0	555.	517.	455.0
90	8	0.400	-0.23	107.7	959.2	1071.5	1.0	555.	517.	455.0
90	9	0.401	0.26	108.1	959.2	1071.8	1.0	556.	518.	455.0
90	10	0.401	1.33	108.0	959.1	1071.2	1.0	556.	518.	455.0
90	11	0.401	3.34	108.1	959.5	1072.0	1.0	556.	518.	455.0
91	1	0.400	5.9	107.0	949.7	1061.1	1.0	556.	519.	455.0
91	2	0.400	-2.70	107.0	951.0	1063.1	1.0	557.	519.	455.0
91	3	0.401	-1.13	106.9	950.5	1061.9	1.0	557.	519.	455.0
91	4	0.401	-0.67	107.0	948.1	1061.0	1.0	557.	519.	455.0
91	5	0.400	-0.23	106.8	947.9	1059.6	1.0	557.	519.	455.0
91	6	0.400	0.23	106.7	951.0	1058.2	1.0	557.	519.	455.0
91	7	0.401	1.27	108.1	954.7	1062.6	1.0	557.	519.	455.0
91	8	0.401	3.29	94.3	957.6	1070.5	1.0	557.	519.	455.0
91	9	0.371	5.2	108.1	976.8	1074.4	1.0	557.	519.	455.0
91	10	0.371	1.3	108.1	976.8	1074.4	1.0	557.	519.	455.0
92	1	0.397	6.1	106.6	964.0	1075.6	1.0	557.	519.	455.0
92	2	0.400	-2.63	108.4	963.1	1075.0	1.0	557.	519.	455.0
92	3	0.401	-1.70	108.4	963.1	1076.0	1.0	557.	519.	455.0
92	4	0.401	-1.25	108.7	963.1	1076.3	1.0	557.	519.	455.0
92	5	0.401	-0.77	108.7	963.1	1076.3	1.0	557.	519.	455.0
92	6	0.401	-0.23	109.0	963.1	1076.3	1.0	557.	519.	455.0
92	7	0.400	1.33	109.5	966.7	1079.1	1.0	557.	519.	455.0
92	8	0.401	3.28	108.5	966.7	1080.0	1.0	557.	519.	455.0

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M_c	α	q	P	H	$N_R \times 10^{-6}$	T_o	T	V
92	10	0.399	-0.68	108.1	966.3	1080.8	1.236	557.	539.	454.7
94	4	0.699	-4.52	283.1	825.8	1145.5	2.089	539.	490.	759.0
94	5	0.699	-2.50	283.0	830.8	1150.7	2.092	540.	491.	759.5
94	6	0.698	-1.50	283.7	830.6	1151.0	2.091	540.	491.	759.4
94	7	0.699	-1.07	284.4	830.5	1151.8	2.093	540.	491.	759.6
94	8	0.698	-0.55	284.7	831.7	1152.9	2.095	540.	491.	759.7
94	9	0.700	-0.11	285.4	831.6	1154.0	2.095	541.	491.	759.8
94	10	0.698	0.33	285.5	834.1	1155.5	2.103	540.	491.	759.8
94	11	0.699	1.33	285.7	834.1	1156.6	2.103	540.	491.	759.4
94	12	0.699	3.32	285.7	834.1	1156.6	2.103	540.	491.	759.4
95	1	0.698	-4.50	280.2	821.9	1137.3	0.61	441.	492.	759.8
95	2	0.698	-2.55	282.4	826.8	1145.3	0.76	441.	492.	759.8
95	3	0.699	-1.54	284.5	831.3	1150.0	0.92	441.	492.	759.8
95	4	0.673	-1.06	284.5	832.6	1153.4	0.98	441.	492.	759.8
95	5	0.699	-0.59	284.5	836.6	1159.3	0.98	441.	492.	759.8
95	6	0.699	-0.08	284.7	841.4	1173.7	1.03	442.	493.	761.1
95	7	0.699	0.35	284.7	851.6	1194.1	1.47	442.	493.	762.3
95	8	0.700	1.35	284.7	861.2	1201.4	1.77	442.	493.	762.3
95	9	0.700	3.40	284.7	865.5	1201.4	1.77	442.	493.	762.3
96	1	0.699	-4.53	287.1	838.8	1162.1	0.9	441.	492.	760.7
96	2	0.698	-2.54	287.1	838.8	1162.1	0.9	441.	492.	760.7
96	3	0.699	-1.54	287.1	838.8	1162.1	0.9	441.	492.	760.7
96	4	0.699	-1.06	287.1	838.8	1162.1	0.9	441.	492.	760.7
96	5	0.699	-0.59	287.1	838.8	1162.1	0.9	441.	492.	760.7
96	6	0.699	-0.08	287.1	838.8	1162.1	0.9	441.	492.	760.7
96	7	0.699	0.35	287.1	838.8	1162.1	0.9	441.	492.	760.7
96	8	0.699	1.35	287.1	838.8	1162.1	0.9	441.	492.	760.7
96	9	0.699	3.40	287.1	838.8	1162.1	0.9	441.	492.	760.7
96	10	0.699	-4.53	287.1	838.8	1162.1	0.9	441.	492.	760.7
97	4	1.81	-2.26	7.69	87.8	1263.4	6.68	66.	492.	760.7
97	5	1.203	-1.22	7.69	87.8	1263.4	6.68	66.	492.	760.7
97	6	1.201	-1.22	7.69	87.8	1263.4	6.68	66.	492.	760.7
97	7	1.201	-1.22	7.69	87.8	1263.4	6.68	66.	492.	760.7
97	8	1.202	-0.71	7.69	87.8	1263.4	6.68	66.	492.	760.7
97	9	1.202	-0.20	7.69	87.8	1263.4	6.68	66.	492.	760.7
97	10	1.202	0.64	7.69	87.8	1263.4	6.68	66.	492.	760.7
97	11	1.202	1.37	7.69	87.8	1263.4	6.68	66.	492.	760.7
97	12	1.202	3.67	7.69	87.8	1263.4	6.68	66.	492.	760.7

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M_c	α	q	P	H	$N_R \times 10^{-6}$	T_o	Γ	V
98	1	203	16	532	48	1279	292	559	33	7.04
98	2	203	12	534	65	1286	700	559	33	7.07
98	3	202	27	535	30	1290	715	559	33	7.09
98	4	201	27	536	0	1295	716	560	34	7.33
98	5	201	24	538	0	1297	723	560	34	7.39
98	6	201	67	539	2	1300	735	560	34	7.78
98	7	201	43	542	7	1306	743	560	34	7.8
98	8	201	63	544	37	1306	743	560	34	7.8
99	1	203	18	540	20	1300	722	561	33	2.64
99	2	203	16	541	35	1301	726	561	33	2.48
99	3	202	13	544	7	1302	728	561	33	2.48
99	4	202	30	545	19	1304	728	562	33	2.49
99	5	202	36	546	18	1305	726	562	33	2.49
99	6	201	75	548	0	1307	728	562	33	2.49
99	7	203	80	544	8	1307	727	563	33	2.67
99	8	203	32	544	37	1308	714	563	33	2.67
99	9	203	32	544	1	1302	714	563	33	2.67
100	1	999	30	455	03	1233	507	561	67	2.08
100	2	999	35	455	3	1233	516	561	67	2.08
100	3	999	29	456	6	1234	519	560	66	2.08
100	4	999	26	456	7	1235	522	560	66	2.08
100	5	999	16	457	13	1236	523	560	66	2.08
100	6	999	16	457	0	1237	525	560	66	2.08
100	7	999	68	458	9	1238	525	561	67	2.08
100	8	999	55	458	0	1239	521	561	67	2.08
100	9	999	55	459	8	1239	522	561	67	2.08
101	1	999	41	454	0	1233	513	559	66	6.18
101	2	999	32	457	8	1238	514	559	66	6.18
101	3	999	27	457	0	1238	514	559	66	6.18
101	4	999	26	459	5	1238	520	559	66	6.18
101	5	999	25	459	1	1238	520	559	66	6.18
101	6	999	57	464	5	1238	520	559	66	6.18
101	7	999	57	465	2	1238	520	559	66	6.18
101	8	999	72	470	3	1238	520	559	66	6.18
102	1	999	33	460	3	1242	554	557	63	1057

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M_c	α	q	P	H	$N_R \times 10^{-6}$	T_o	T	V
102	2	1.002	-2.18	461.6	656.7	1246.17	2.562	557.	463.	7.5
102	3	1.001	-1.29	462.1	657.0	1247.9	2.565	557.	463.	5.6
102	4	1.001	-0.30	464.1	661.4	1249.9	2.577	557.	464.	9.9
102	5	1.001	-0.17	465.1	661.9	1256.6	2.577	558.	464.	9.9
102	6	1.001	0.16	465.8	663.8	1258.4	2.580	558.	464.	9.2
102	7	1.001	1.73	465.7	665.2	1260.1	2.582	558.	465.	2.4
102	8	1.001	3.71	467.4	665.4	1262.2	2.589	558.	464.	1056.
103	1	0.924	-4.37	417.1	697.2	1211.0	2.413	560.	478.	4.0
103	2	0.901	-2.44	411.5	722.5	1234.3	2.420	560.	481.	0.6
103	3	0.899	-1.43	414.3	739.7	1235.1	2.425	561.	482.	1.3
103	4	0.902	-0.86	419.3	734.9	1235.0	2.436	562.	483.	3.8
103	5	0.901	-0.08	422.1	741.5	1236.6	2.439	563.	484.	4.8
103	6	0.900	0.45	418.2	736.0	1235.7	2.439	563.	484.	4.8
103	7	0.900	1.55	421.8	742.2	1235.7	2.460	563.	484.	9.7
104	1	0.900	-4.30	414.8	729.7	1235.0	2.411	564.	485.	4.5
104	2	0.899	-2.39	415.0	733.8	1247.7	2.423	564.	485.	5.7
104	3	0.901	-1.41	418.0	736.5	1245.4	2.436	564.	485.	0.9
104	4	0.898	-0.85	421.0	740.3	1249.7	2.439	564.	485.	4.8
104	5	0.900	-0.04	408.6	716.8	1249.6	2.452	564.	485.	4.7
104	6	0.901	0.59	411.5	728.3	1242.2	2.401	565.	486.	9.7
104	7	0.900	1.67	413.7	731.3	1233.8	2.413	565.	486.	9.7
105	1	0.900	-4.30	406.9	716.0	1211.0	2.380	565.	486.	6.6
105	2	0.881	-2.30	397.7	730.9	1212.3	2.342	565.	486.	9.9
105	3	0.900	-1.30	396.7	731.6	1212.3	2.346	565.	486.	4.8
105	4	0.882	-0.92	407.5	731.1	1213.6	2.361	565.	487.	3.8
105	5	0.901	-0.46	408.3	718.2	1215.5	2.364	565.	485.	3.8
105	6	0.901	0.58	408.3	717.9	1216.1	2.363	565.	486.	3.8
105	7	0.900	1.58	408.9	717.8	1216.9	2.363	565.	487.	3.8
105	8	0.897	3.61	406.9	722.5	1217.9	2.363	565.	487.	9.7
105	9	0.900	-0.46	408.8	720.3	1219.0	2.369	565.	487.	9.7
106	4	1.184	-4.14	520.1	529.2	1258.5	2.623	565.	439.	5.4
106	5	1.205	-2.25	528.4	519.3	1268.7	2.638	564.	436.	1.4
106	6	1.205	-1.1	532.1	523.3	1277.8	2.635	564.	437.	4.4

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _c	α	q	p	H	N _R × 10 ⁻⁶	T _o	T	V
106	7	1.203	-0.71	534.8	527.2	1285.0	2.665	565.	438.	1234.0
106	8	1.204	-0.19	539.6	531.1	1296.1	2.689	565.	437.	1235.3
106	9	1.205	-0.25	544.0	535.4	1307.4	2.706	566.	438.	1236.6
106	10	1.204	0.78	549.0	540.9	1318.5	2.722	566.	439.	1237.0
106	11	1.203	1.74	552.7	544.7	1328.0	2.742	567.	439.	1237.6
106	12	1.204	3.78	557.4	548.7	1338.8	2.764	567.	439.	1237.6
107	1	1.000	29	453.6	646.8	1225.7	4.78	564.	469.	1063.2
107	2	1.002	-2.18	457.7	651.0	1235.5	4.99	564.	469.	1064.4
107	3	1.005	-1.22	455.1	670.0	1246.3	5.30	565.	473.	1050.1
107	4	0.981	-1.27	458.2	681.5	1261.3	5.56	565.	473.	1046.1
107	5	0.998	-0.27	468.2	673.8	1268.2	5.74	565.	471.	1061.7
107	6	1.000	-0.26	472.1	670.9	1276.2	5.57	565.	470.	1062.9
107	7	1.000	0.65	468.0	670.9	1276.2	5.67	565.	471.	1064.9
107	8	1.001	1.75	471.5	674.8	1279.2	5.74	566.	471.	1065.5
107	9	1.001	3.66	473.7	671.1	1273.3	5.63	566.	471.	1065.2
107	10	1.002								
108	1	0.901	33	410.7	722.7	1223.8	3.68	568.	488.	976.2
108	2	0.902	-2.35	413.1	724.8	1229.0	3.74	569.	489.	976.2
108	3	0.900	-1.32	414.0	730.5	1234.9	3.83	569.	489.	976.4
108	4	0.899	-1.08	415.3	733.8	1239.7	3.99	569.	490.	975.8
108	5	0.897	-0.41	416.1	737.8	1244.9	4.15	569.	490.	975.8
108	6	0.890	0.05	419.6	738.9	1249.7	4.25	570.	490.	976.8
108	7	0.899	1.55	420.2	741.6	1253.7	4.54	570.	490.	976.5
108	8	0.901	3.56	415.3	727.1	1237.1	3.84	570.	490.	977.5
109	1	0.882	33	399.4	731.8	1215.3	3.27	570.	493.	960.9
109	2	0.881	-2.37	398.1	731.7	1213.4	3.38	570.	493.	959.7
109	3	0.900	-1.42	407.9	717.8	1214.5	3.44	570.	490.	977.1
109	4	0.901	-1.08	407.2	717.5	1215.4	3.59	571.	491.	977.9
109	5	0.899	-0.46	407.4	719.8	1216.4	3.59	571.	491.	976.0
109	6	0.899	0.52	408.5	719.0	1217.4	3.90	571.	491.	976.6
109	7	0.901	1.56	408.8	719.4	1218.1	4.1	571.	491.	976.7
109	8	0.901	3.57	408.7	719.7	1219.0	4.13	571.	491.	977.8
109	9	0.899	-0.54	408.7	721.9	1220.1	3.43	571.	491.	977.1
110	1	0.999	-4.19	428.4	632.8	1197.0	3.85	570.	475.	1067.6
110	2	1.001	-2.31	439.8	626.5	1188.6	3.74	569.	473.	1068.4
110	3	0.999	-1.31	436.5	627.4	1181.6	3.61	569.	474.	1066.9
110	4	1.002	-0.85	441.5	627.9	1191.8	3.83	569.	473.	1069.2

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M_c	α	q	P	H	$N_R \times 10^{-6}$	T_o	T	V
110	5	1.001	-0.38	451.2	42.7	1231.8	2.5	569.	473.	1068.3
110	6	1.001	-0.20	456.6	49.6	1233.4	3.2	569.	473.	1068.3
110	7	1.001	0.70	456.6	50.6	1233.8	4.6	569.	473.	1068.3
110	8	1.001	1.68	457.5	51.3	1235.4	6.9	569.	473.	1068.3
110	9	1.000	3.77	457.3	53.0	1236.5	7.0	569.	474.	1068.3
110	10	1.000	-0.33	457.8	53.4	1237.6	7.0	570.	474.	1068.3
111	1	1.203	-4.28	541.9	34.6	1302.1	3.9	775.	445.	1245.5
111	2	1.203	-2.16	542.2	40.0	1303.5	4.0	775.	445.	1245.5
111	3	1.204	-1.69	543.3	45.2	1305.2	4.9	775.	446.	1245.5
111	4	1.204	-1.06	543.4	50.6	1305.9	6.2	776.	446.	1245.5
111	5	1.205	-0.26	544.2	55.4	1306.5	7.6	776.	446.	1245.5
111	6	1.205	0.75	544.3	60.8	1306.5	9.9	776.	446.	1245.5
111	7	1.204	1.81	544.3	63.4	1306.5	12.6	776.	447.	1245.5
111	8	1.204	3.80	544.1	63.3	1301.3	12.6	777.	447.	1245.5
111	9	1.204	-0.26	544.2	63.4	1301.3	12.6	777.	447.	1245.5
111	10	1.204	-0.26	544.2	63.4	1301.3	12.6	777.	447.	1245.5
113	4	1.252	-4.18	548.4	49.9	1299.0	7.7	773.	436.	1202.1
113	5	1.252	-2.16	551.5	52.3	1299.6	8.7	773.	436.	1202.1
113	6	1.252	-1.69	552.0	57.0	1300.6	10.7	774.	436.	1202.1
113	7	1.252	-0.26	552.0	60.8	1302.2	14.6	774.	436.	1202.1
113	8	1.252	0.75	552.0	62.3	1303.1	17.4	775.	437.	1202.1
113	9	1.252	1.81	552.0	63.4	1303.4	20.7	775.	437.	1202.1
113	10	1.252	-0.26	552.0	63.4	1303.4	20.7	775.	437.	1202.1
114	1	1.253	-4.27	550.0	50.1	1307.0	9.9	777.	439.	1206.6
114	2	1.253	-2.16	552.3	52.3	1307.0	10.7	777.	439.	1206.6
114	3	1.253	-1.69	553.5	54.0	1307.0	14.6	777.	439.	1206.6
114	4	1.253	-0.26	553.5	57.0	1307.0	17.4	777.	439.	1206.6
114	5	1.253	0.75	553.5	60.8	1307.0	20.7	777.	439.	1206.6
114	6	1.253	1.81	553.5	62.3	1307.0	23.5	778.	439.	1206.6
114	7	1.253	3.80	553.5	63.4	1307.0	26.8	778.	439.	1206.6
114	8	1.253	-0.26	553.5	63.4	1307.0	26.8	778.	439.	1206.6
114	9	1.253	-0.26	553.5	63.4	1307.0	26.8	778.	439.	1206.6
115	1	1.255	-4.23	548.2	49.9	1305.0	7.7	779.	440.	1206.6
115	2	1.255	-2.16	551.5	52.3	1305.0	8.7	779.	440.	1206.6
115	3	1.255	-1.69	552.0	57.0	1305.0	10.7	779.	440.	1206.6
115	4	1.255	-0.26	552.0	60.8	1305.0	14.6	779.	440.	1206.6

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M_c	α	q	P	H	$N_R \times 10^{-6}$	T_o	T	V
115	5	1.253	-0.26	557.0	506.6	1319.0	2.648	579.5	440.0	1289.6
115	6	1.254	0.30	558.3	507.0	1320.7	2.650	580.5	441.0	1289.9
115	8	1.252	1.78	558.5	508.4	1321.7	2.647	580.5	441.0	1289.3
115	9	1.253	3.75	559.0	508.9	1322.3	2.649	580.5	441.0	1289.1
115	10	1.252	5.85	559.2	508.9	1322.3	2.651	580.5	441.0	1289.0
115	11	1.252	-0.27	560.1	509.8	1325.5	2.655	580.5	441.0	1289.0
116	4	1.194	4.30	527.4	520.3	1266.9	2.576	571.3	444.0	1234.6
116	5	1.203	-1.15	537.9	529.8	1269.1	2.579	573.4	444.0	1234.3
116	6	1.204	-1.75	544.4	536.5	1269.0	2.577	574.5	444.0	1234.3
116	7	1.204	-0.19	554.0	541.5	1269.0	2.597	575.5	445.0	1234.6
116	8	1.204	0.27	565.8	557.1	1269.0	2.727	576.5	445.0	1234.6
116	9	1.203	1.77	564.3	557.0	1269.0	2.738	577.5	447.0	1234.7
116	10	1.203	3.75	562.3	554.6	1269.0	2.719	577.5	448.0	1234.8
116	11	1.203	4.09	553.8	546.0	1269.0	2.677	578.5	448.0	1234.8
117	1	1.202	-2.03	554.9	545.5	1269.0	2.661	578.5	448.0	1234.8
117	2	1.200	-1.72	554.7	545.5	1269.0	2.661	578.5	448.0	1234.8
117	3	1.200	0.21	554.1	545.5	1269.0	2.661	578.5	448.0	1234.8
117	4	1.201	0.21	554.1	545.5	1269.0	2.661	578.5	448.0	1234.8
117	5	1.202	0.70	554.3	545.5	1269.0	2.661	578.5	448.0	1234.8
117	6	1.201	1.82	554.3	545.5	1269.0	2.661	578.5	448.0	1234.8
117	7	1.202	3.74	554.4	545.5	1269.0	2.661	578.5	448.0	1234.8
117	8	1.202	5.85	554.4	545.5	1269.0	2.661	578.5	448.0	1234.8
117	9	1.202	-0.26	554.4	545.5	1269.0	2.661	578.5	448.0	1234.8
117	10	1.202	4.28	554.4	545.5	1269.0	2.661	578.5	448.0	1234.8
118	4	1.205	-2.16	530.2	522.2	1273.6	2.575	576.5	446.0	1247.7
118	5	1.205	-1.16	542.5	539.0	1273.6	2.627	577.5	447.0	1247.9
118	6	1.205	0.22	547.1	544.8	1273.6	2.642	577.5	447.0	1247.9
118	7	1.205	1.69	551.7	547.7	1273.6	2.642	577.5	447.0	1247.9
118	8	1.203	3.85	564.4	559.9	1273.6	2.713	578.5	448.0	1247.9
118	9	1.203	5.85	564.4	559.9	1273.6	2.713	578.5	448.0	1247.9
118	10	1.203	4.28	564.4	559.9	1273.6	2.713	578.5	448.0	1247.9
118	11	1.203	4.28	564.4	559.9	1273.6	2.713	578.5	448.0	1247.9
119	1	1.202	-4.16	550.2	541.5	1326.9	2.653	579.5	449.0	1249.0
119	2	1.204	-2.16	551.6	545.5	1326.9	2.663	579.5	449.0	1249.0
119	3	1.204	-1.27	551.6	545.5	1326.9	2.663	579.5	449.0	1249.0
119	4	1.204	0.71	551.6	545.5	1326.9	2.663	579.5	449.0	1249.0

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _c	α	q	P	H	N _R × 10 ⁻⁶	T _o	T	V
119	5	1.205	-0.19	559.1	549.5	1342.0	2.697	580.0	49.0	1225.7
119	6	1.204	0.77	560.7	551.2	1346.2	2.697	580.0	49.0	1225.7
119	7	1.205	1.79	561.5	553.0	1349.2	2.703	580.0	49.0	1225.7
119	8	1.202	3.80	563.6	554.0	1353.1	2.719	580.0	49.0	1225.7
120	1	1.205	-4.11	538.6	530.7	1293.9	2.586	581.0	50.0	1225.7
120	2	1.204	-2.18	538.0	529.5	1292.1	2.583	581.0	50.0	1225.7
120	3	1.204	-1.76	537.7	529.3	1291.4	2.581	581.0	50.0	1225.7
120	4	1.203	-0.19	537.1	529.0	1290.2	2.579	581.0	50.0	1225.7
120	5	1.204	0.22	536.5	528.8	1289.9	2.577	581.0	50.0	1225.7
120	6	1.203	1.80	535.5	528.0	1288.7	2.576	581.0	50.0	1225.7
120	7	1.203	3.77	535.5	527.1	1286.6	2.572	581.0	50.0	1225.7
121	1	0.998	-4.22	447.9	441.5	1223.2	2.383	776.0	87.9	1077.5
121	2	1.002	-2.31	453.5	445.9	1223.2	2.404	776.0	87.9	1077.5
121	3	1.002	-1.73	460.3	454.2	1234.2	2.438	777.0	88.0	1077.5
121	4	1.003	-0.27	465.3	460.3	1245.4	2.464	777.0	88.0	1077.5
121	5	1.002	0.17	468.2	466.0	1263.3	2.494	778.0	88.1	1077.5
121	6	1.001	1.64	475.9	470.3	1273.0	2.514	778.0	88.1	1077.5
121	7	1.002	3.67	472.9	472.0	1276.1	2.514	779.0	88.2	1077.5
122	1	1.001	-4.16	463.8	460.7	1252.0	2.477	779.0	88.1	1077.5
122	2	1.003	-2.21	467.8	463.1	1261.1	2.463	779.0	88.1	1077.5
122	3	1.003	-1.28	471.2	467.0	1267.1	2.463	779.0	88.1	1077.5
122	4	1.002	-0.79	475.7	470.4	1272.0	2.485	779.0	88.2	1077.5
122	5	1.001	0.13	479.7	475.0	1283.0	2.506	780.0	88.3	1077.5
122	6	1.001	1.77	472.6	471.1	1277.4	2.489	780.0	88.3	1077.5
122	7	1.002	3.73	475.6	476.0	1284.1	2.503	780.0	88.3	1077.5
123	1	1.000	-4.22	461.0	458.9	1247.0	2.426	881.0	84.0	1077.5
123	2	1.001	-2.34	462.8	460.0	1250.3	2.437	881.0	84.0	1077.5
123	3	1.001	-1.71	464.0	460.0	1255.5	2.444	881.0	84.0	1077.5
123	4	1.000	-0.26	465.2	462.4	1261.4	2.460	881.0	84.0	1077.5
123	5	1.002	0.16	468.0	466.6	1266.4	2.466	881.0	84.0	1077.5

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _c	α	q	p	H	N _R × 10 ⁻⁶	T _o	T	V
123	9	1.024 0.983	1.78 1.69	477.5 463.1	650.4 683.7	1266.7 1270.0	2.477 2.458	581. 581.	486. 486.	1099.9 1063.6
124	1	1.001	4.21	460.8	657.6	1245.2	4.21	581.	484.	1078.7
124	3	1.000	-2.13	460.0	656.1	1244.3	4.20	581.	483.	1079.0
124	4	1.003	-1.71	460.4	653.1	1244.1	4.16	581.	483.	1079.1
124	5	1.002	-0.71	459.6	653.1	1244.0	4.13	581.	483.	1080.8
124	6	1.001	0.22	458.6	651.0	1243.8	4.09	581.	483.	1079.3
124	7	1.001	0.61	458.6	651.0	1243.6	4.07	581.	483.	1081.9
124	8	1.002	1.73	457.4	650.2	1243.5	4.03	581.	483.	1079.6
124	9	1.002	3.70	457.7	650.2	1243.4	4.01	581.	483.	1080.6
125	1	1.001	4.23	457.2	652.7	1243.7	4.05	581.	484.	1079.3
125	2	1.002	1.32	458.7	652.2	1243.8	4.08	581.	483.	1079.5
125	3	1.002	-1.37	458.7	652.2	1243.8	4.08	581.	483.	1080.5
125	4	1.002	-0.78	459.1	652.5	1243.9	4.09	581.	483.	1080.2
125	5	1.003	0.30	459.8	654.3	1244.0	4.15	581.	483.	1080.8
125	6	1.002	0.14	460.2	653.9	1244.1	4.16	581.	483.	1080.5
125	7	1.003	1.71	460.2	653.8	1244.1	4.12	581.	483.	1080.8
125	8	1.003	3.32	461.1	653.2	1244.2	4.11	582.	484.	1082.4
125	9	1.005	-0.33	461.1	655.2	1244.2	4.11	582.	484.	1080.4
126	1	0.902	4.36	411.9	720.1	1222.7	3.49	576.	495.	985.0
126	2	0.902	3.67	411.5	721.3	1222.3	3.31	577.	496.	984.6
126	3	0.902	-1.29	411.5	722.1	1222.3	3.16	577.	496.	984.6
126	4	0.903	-0.39	412.3	722.2	1222.4	3.17	578.	497.	985.5
126	5	0.901	0.33	412.6	724.3	1222.5	3.15	579.	497.	985.5
126	6	0.901	1.65	412.3	724.4	1222.6	3.14	580.	498.	986.7
126	7	0.901	3.64	412.3	724.4	1222.7	3.12	580.	498.	986.7
126	8	0.900	-0.64	413.1	723.9	1222.8	3.14	581.	499.	987.0
126	9	0.900	-0.44	413.1	723.9	1222.8	3.14	581.	499.	987.0
127	1	0.901	4.37	413.8	726.6	1230.0	3.28	591.	499.	987.7
127	2	0.902	3.44	413.9	731.1	1234.5	3.21	591.	499.	988.6
127	3	0.902	-1.10	413.0	734.5	1234.5	3.43	591.	499.	988.6
127	4	0.902	-0.87	420.0	736.9	1235.7	3.45	591.	499.	988.7
127	5	0.902	0.40	422.2	739.1	1236.0	3.32	591.	499.	988.7
127	6	0.902	2.50	422.2	743.3	1236.4	3.31	592.	500.	989.9
127	7	0.902	4.61	421.7	743.3	1236.4	3.31	592.	500.	989.9

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _c	α	q	p	H	N _R × 10 ⁻⁶	T ₀	T	V
127	9	0.900	5.60	418.8	737.3	1248.2	2.339	582.	500.	987.9
128	1	0.901	5.35	410.9	721.6	1223.0	2.293	582.	500.	989.3
128	2	0.901	5.36	411.0	723.6	1222.6	2.299	582.	500.	989.3
128	3	0.901	5.34	412.5	724.0	1222.9	2.302	582.	500.	989.3
128	4	0.902	5.43	413.4	724.3	1222.9	2.305	582.	500.	989.4
128	5	0.900	5.41	412.6	727.1	1223.0	2.311	582.	500.	987.9
128	6	0.903	5.59	414.8	725.6	1231.0	2.317	582.	500.	990.5
128	7	0.901	5.56	415.0	729.8	1233.7	2.321	582.	500.	989.5
128	8	0.902	5.62	416.0	729.8	1233.7	2.321	582.	500.	989.5
128	9	0.902	5.62	416.0	729.8	1233.7	2.321	582.	500.	989.5
129	1	0.702	4.42	283.7	821.7	1143.2	1.915	776.	44.	788.1
129	2	0.700	4.54	283.3	824.3	1143.2	1.915	776.	44.	786.3
129	3	0.703	4.54	284.5	823.5	1145.0	1.922	775.	44.	787.1
129	4	0.703	4.54	284.5	824.3	1145.0	1.922	775.	44.	787.1
129	5	0.701	4.52	284.5	825.9	1147.8	1.927	774.	44.	787.1
129	6	0.702	4.52	285.5	825.9	1148.0	1.935	774.	44.	787.1
129	7	0.700	4.52	285.5	825.9	1150.2	1.940	774.	44.	786.6
129	8	0.702	4.54	286.1	829.2	1152.4	1.945	773.	44.	787.1
129	9	0.703	4.54	286.1	829.2	1152.4	1.945	773.	44.	787.1
130	1	0.701	4.85	283.9	827.0	1146.7	1.935	772.	00.	784.9
130	2	0.698	4.54	284.9	826.8	1146.0	1.933	772.	00.	781.0
130	3	0.701	4.80	284.5	828.6	1148.0	1.941	772.	00.	785.9
130	4	0.701	4.80	285.0	830.7	1150.3	1.948	772.	00.	784.8
130	5	0.701	4.80	285.0	830.7	1150.3	1.948	772.	00.	784.8
130	6	0.701	4.80	285.0	830.7	1150.3	1.948	772.	00.	784.8
130	7	0.701	4.80	285.0	830.7	1150.3	1.948	772.	00.	784.8
130	8	0.701	4.80	285.0	830.7	1150.3	1.948	772.	00.	784.8
130	9	0.701	4.80	285.0	830.7	1150.3	1.948	772.	00.	784.8
131	1	0.702	5.58	286.5	830.7	1161.7	1.981	772.	00.	785.0
131	2	0.699	5.58	286.5	830.7	1161.7	1.981	772.	00.	785.0
131	3	0.682	5.58	286.5	830.7	1161.7	1.981	772.	00.	785.0
131	4	0.682	5.58	286.5	830.7	1161.7	1.981	772.	00.	785.0
131	5	0.681	5.58	286.5	830.7	1161.7	1.981	772.	00.	785.0
131	6	0.681	5.58	286.5	830.7	1161.7	1.981	772.	00.	785.0
131	7	0.681	5.58	286.5	830.7	1161.7	1.981	772.	00.	785.0
131	8	0.681	5.58	286.5	830.7	1161.7	1.981	772.	00.	785.0
131	9	0.699	5.58	286.5	830.7	1161.7	1.981	772.	00.	785.0
131	10	0.701	5.58	286.5	830.7	1161.7	1.981	772.	00.	785.0

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _c	α	q	p	H	N _R × 10 ⁻⁶	T ₀	T	V
132	4	368	-4.67	92.9	977.2	1073.0	1.4	569.	553.	44.1
132	5	0.401	-2.61	108.9	967.5	1081.8	1.2	569.	551.	46.1
132	6	0.401	-1.70	108.9	967.5	1080.3	1.2	569.	551.	46.1
132	7	0.373	-1.20	95.4	976.3	1076.1	1.1	568.	551.	46.2
132	8	0.402	-0.66	109.5	966.1	1080.6	1.1	567.	549.	46.2
132	9	0.402	-0.27	109.5	965.3	1079.9	1.1	566.	548.	46.2
132	10	0.402	0.20	109.1	965.3	1078.2	1.1	566.	548.	46.1
132	11	0.402	1.35	109.1	964.4	1078.0	1.1	565.	547.	46.0
132	12	0.402	-0.69	109.0	964.4	1078.0	1.1	563.	545.	46.0
133	1	400	-4.70	109.6	975.8	1089.9	1.2	561.	543.	47.0
133	2	0.372	-2.75	107.9	1002.2	1103.1	1.1	562.	546.	47.0
133	3	0.401	-1.73	109.4	957.9	1069.6	1.1	569.	551.	46.1
133	4	0.403	-1.13	109.3	967.5	1081.9	1.1	569.	551.	46.1
133	5	0.401	-0.27	110.8	980.6	1096.0	1.1	567.	549.	46.1
133	6	0.401	0.13	110.4	985.1	1101.9	1.1	566.	548.	46.1
133	7	0.401	1.37	110.8	963.1	1076.4	1.1	563.	545.	46.1
133	8	0.403	3.32	110.8	974.1	1089.9	1.1	563.	545.	46.1
134	1	399	-4.68	104.5	939.8	1046.0	1.1	562.	544.	46.0
134	2	0.370	-2.68	105.9	951.4	1044.0	1.1	561.	543.	46.0
134	3	0.401	-1.72	105.9	934.0	1044.0	1.1	561.	543.	46.0
134	4	0.401	-1.23	106.8	945.0	1051.1	1.1	561.	543.	46.0
134	5	0.401	-0.62	106.7	944.0	1055.1	1.1	561.	543.	46.0
134	6	0.402	0.24	107.0	942.7	1054.2	1.1	561.	543.	46.0
134	7	0.402	1.17	107.6	949.1	1055.4	1.1	561.	543.	46.0
134	8	0.401	3.32	107.7	951.4	1063.3	1.1	561.	543.	46.0
136	4	254	-4.16	53.4	485.3	1273.0	2.7	73.	550.	43.0
136	5	0.230	-2.08	53.4	504.3	1273.0	2.7	74.	550.	43.0
136	6	0.234	-1.20	53.4	493.3	1285.6	2.6	74.	550.	43.0
136	7	0.234	-0.57	53.4	498.2	1291.7	2.6	75.	550.	43.0
136	8	0.235	0.13	53.4	509.0	1322.6	2.6	75.	550.	43.0
136	9	0.234	0.66	56.0	511.6	1334.4	2.6	76.	550.	43.0
136	10	0.235	1.83	56.8	515.6	1334.4	2.6	76.	550.	43.0
136	11	0.234	3.84	57.1	518.6	1351.7	2.7	76.	550.	43.0
137	1	254	-4.19	562.1	510.4	1329.7	2.6	78.	550.	43.0
137	2	0.232	-2.15	560.4	527.4	1334.0	2.6	78.	550.	43.0

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M_c	α	q	P	H	$N_R \times 10^{-6}$	T_o	T	V
137	3	1.253	-1.09	565.6	514.0	1338.2	2.692	579.	439.	88.5
137	4	1.254	-0.62	568.9	516.4	1341.7	2.692	579.	440.	89.1
137	5	1.251	-0.28	569.5	519.5	1349.0	2.708	579.	440.	90.1
137	6	1.254	0.80	571.2	520.8	1352.3	2.714	579.	440.	90.5
137	9	1.254	1.78	575.2	522.5	1361.3	2.733	579.	440.	90.1
138	1	1.253	-2.20	571.8	519.5	1352.9	2.710	80.	441.	90.8
138	2	1.253	-1.12	566.5	521.1	1347.0	2.694	80.	441.	90.1
138	3	1.254	-0.62	562.0	520.2	1337.0	2.665	80.	441.	91.8
138	4	1.254	-0.24	560.2	520.8	1335.0	2.654	80.	441.	91.6
138	5	1.254	0.31	557.6	520.3	1328.1	2.640	80.	441.	93.7
138	6	1.255	0.75	555.8	520.4	1314.8	2.632	80.	441.	91.1
138	7	1.255	1.81	555.5	520.7	1311.5	2.630	81.	442.	91.7
138	9	1.253	-0.27	557.2	506.7	1316.8	2.634	81.	442.	91.5
139	1	1.204	-4.15	45.8	37.2	1307.0	2.624	79.	440.	79.5
139	2	1.203	-2.18	43.5	38.3	1300.6	2.621	79.	440.	80.0
139	3	1.203	-1.06	41.9	39.2	1299.7	2.609	79.	440.	80.3
139	4	1.203	-0.25	40.6	45.6	1299.2	2.609	79.	440.	80.3
139	5	1.203	0.77	41.1	53.3	1300.0	2.612	79.	440.	80.6
139	6	1.203	1.62	41.3	67.7	1300.1	2.614	79.	440.	80.6
139	7	1.202	-0.25	42.9	53.2	1296.1	2.603	79.	440.	80.9
140	1	1.203	-4.17	32.5	26.9	1279.6	2.557	80.	440.	80.2
140	2	1.203	-2.39	34.3	32.0	1286.8	2.571	80.	440.	80.1
140	3	1.203	-1.27	40.5	40.9	1290.6	2.593	80.	440.	80.1
140	4	1.203	-0.77	44.2	52.7	1310.2	2.636	82.	440.	80.3
140	5	1.204	0.25	50.4	61.6	1333.3	2.680	82.	440.	80.3
140	6	1.201	1.71	59.3	81.8	1345.7	2.706	83.	440.	80.6
140	7	1.201	3.57	69.2	96.0	1356.7	2.721	83.	440.	80.6
141	2	1.180	-4.22	17.1	29.7	1253.1	2.532	76.	440.	80.3
141	3	1.120	-2.23	26.6	51.8	1265.1	2.532	77.	440.	80.3

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _c	α	q	μ	H	N _R × 10 ⁻⁶	T _o	T	V
141	4	1.202	-1.16	530.3	523.7	1274.6	571	577.	447.	0.7
141	5	1.203	-1.08	533.7	526.5	1282.5	581	578.	448.	0.8
141	6	1.203	-0.25	535.2	531.3	1294.3	601	578.	448.	0.9
141	7	1.203	0.76	545.1	534.5	1302.3	621	579.	448.	0.9
141	8	1.204	1.81	549.6	538.0	1310.9	632	579.	448.	0.9
141	10	1.205	3.78	553.7	544.6	1329.7	670	579.	448.	0.9
142	1	1.202	-4.17	548.6	541.7	1318.5	641	580.	449.	0.9
142	2	1.204	-2.10	552.6	543.8	1327.8	660	580.	449.	0.9
142	3	1.204	-1.67	554.7	545.3	1335.0	666	580.	449.	0.9
142	4	1.204	-0.67	557.6	549.3	1339.5	678	581.	449.	0.9
142	5	1.205	0.20	559.9	552.4	1343.8	686	581.	450.	0.9
142	6	1.204	0.27	561.1	550.2	1348.1	695	581.	450.	0.9
142	7	1.204	1.80	562.4	554.6	1351.0	702	581.	450.	0.9
142	8	1.203	3.72	564.7	556.5	1356.6	710	581.	450.	0.9
143	1	1.203	-4.18	541.8	534.8	1301.7	596	582.	445.	0.9
143	2	1.201	-2.17	545.7	538.3	1301.0	599	582.	445.	0.9
143	3	1.203	-1.78	549.7	542.2	1309.7	607	582.	445.	0.9
143	4	1.203	-0.22	553.9	546.7	1329.6	641	582.	445.	0.9
143	5	1.203	0.26	558.8	551.2	1339.4	681	582.	445.	0.9
143	6	1.201	1.84	563.8	556.2	1349.4	701	582.	445.	0.9
144	1	0.903	-4.20	412.9	720.5	1223.9	306	582.	500.	0.9
144	2	0.902	-2.42	409.0	719.8	1221.9	317	582.	500.	0.9
144	3	0.884	-1.49	409.0	729.8	1221.9	326	582.	500.	0.9
144	4	0.883	-0.45	409.0	729.8	1221.9	334	582.	500.	0.9
144	5	0.898	0.06	407.5	718.1	1221.9	353	582.	500.	0.9
144	6	0.901	0.55	406.6	717.5	1221.9	372	582.	500.	0.9
144	7	0.882	3.57	408.0	731.7	1221.9	378	582.	500.	0.9
144	8	0.901	-0.48	409.0	732.4	1221.9	386	582.	500.	0.9
144	10	0.901	-2.48	409.0	732.4	1221.9	399	582.	500.	0.9
145	1	0.883	-4.33	400.4	732.4	1217.2	264	582.	503.	0.9
145	2	0.901	-2.35	409.1	719.8	1218.0	285	582.	500.	0.9
145	3	0.900	-1.09	409.1	721.3	1220.1	286	582.	500.	0.9
145	4	0.900	-0.94	409.1	721.3	1220.1	286	582.	500.	0.9

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M_c	α	q	P	H	$N_R \times 10^{-6}$	T_o	T	V
145	5	0.901	-0.45	411.2	722.7	124.5	2.97	582.2	500.	989.5
145	6	0.901	0.058	411.1	724.1	1227.7	2.97	582.2	500.	989.5
145	7	0.902	1.66	412.6	724.2	1227.7	3.02	582.2	500.	989.5
145	8	0.902	3.58	413.0	725.1	1229.2	3.05	582.2	500.	989.5
146	1	0.898	3.4	410.2	725.9	1225.1	2.94	582.2	501.	989.5
146	2	0.903	-1.36	413.5	727.9	1230.4	3.07	582.2	500.	989.5
146	3	0.901	-1.08	415.0	732.6	1240.9	3.26	582.2	500.	989.5
146	4	0.901	-1.04	419.5	737.7	1254.9	3.53	582.2	500.	989.5
146	5	0.902	-1.05	421.0	739.8	1254.9	3.57	582.2	501.	989.5
146	6	0.902	1.3	423.7	742.3	1264.4	3.67	582.2	501.	989.5
146	7	0.902	1.55	421.6	740.1	1265.4	3.67	582.2	501.	989.5
147	1	0.901	-3.45	414.2	727.0	1245.5	3.06	582.2	501.	989.5
147	2	0.902	-4.21	418.5	740.7	1245.5	3.35	582.2	501.	989.5
147	3	0.902	-1.09	422.5	746.0	1266.9	3.59	582.2	501.	989.5
147	4	0.901	-1.04	425.6	748.0	1271.8	3.61	582.2	501.	989.5
147	5	0.903	0.05	440.9	748.5	1281.1	3.80	582.2	501.	989.5
147	6	0.903	0.46	414.1	751.9	1284.3	3.84	582.2	501.	989.5
147	7	0.902	1.3	412.1	753.4	1285.1	3.84	582.2	501.	989.5
148	1	0.701	-5.65	289.0	840.0	1167.8	1.97	573.3	521.	785.6
148	2	0.701	-5.55	289.7	840.5	1168.9	1.97	573.3	521.	785.6
148	3	0.701	-5.57	289.7	840.7	1167.8	1.97	573.3	521.	785.6
148	4	0.701	-5.51	289.7	841.2	1167.8	1.97	573.3	521.	785.6
148	5	0.682	-1.06	289.0	840.7	1168.4	1.96	573.3	521.	785.6
148	6	0.701	-1.05	287.6	842.8	1160.2	1.95	573.3	522.	785.6
148	7	0.701	-1.05	287.6	845.7	1161.5	1.95	573.3	522.	785.6
148	8	0.701	-1.35	287.0	856.9	1161.8	1.95	573.3	522.	785.6
148	9	0.701	-1.30	288.4	856.9	1162.2	1.95	573.3	522.	785.6
149	1	0.701	-4.54	288.5	837.2	1163.0	1.95	574.4	523.	786.6
149	2	0.682	-2.1	289.4	854.9	1167.0	1.95	574.4	525.	786.6
149	3	0.701	-1.1	289.4	859.8	1166.7	1.96	574.4	525.	786.6

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _c	α	q	P	H	N _R x 10 ⁻⁶	T _o	T	V
149	4	0.681	7	277.3	854.0	1165.1	1.925	574.	5.	765.1
149	5	0.699	-10.55	289.5	839.6	1163.2	1.964	573.	21.	765.3
149	6	0.702	-0.109	288.1	836.6	1162.0	1.960	573.	21.	765.1
149	7	0.701	1.46	287.8	835.9	1160.3	1.958	573.	21.	765.0
149	8	0.701	3.40	287.4	835.0	1159.5	1.955	573.	21.	764.9
150	1	0.701	5.3	283.6	824.2	1144.5	1.930	573.	11.	764.9
150	2	0.701	-2.53	284.4	824.5	1144.3	1.934	573.	11.	765.0
150	3	0.702	-1.51	284.9	825.5	1147.5	1.936	573.	11.	765.0
150	4	0.702	-1.10	285.4	827.2	1150.7	1.946	572.	11.	765.3
150	5	0.699	-0.55	286.4	831.1	1153.5	1.949	573.	11.	765.7
150	6	0.701	-0.08	287.4	832.7	1155.0	1.952	573.	11.	765.4
150	7	0.702	1.39	287.6	833.5	1156.3	1.955	572.	11.	765.3
150	8	0.703	3.41	288.6	834.2	1160.3	1.964	572.	20.	766.1
151	1	0.701	5.3	286.6	831.5	1155.2	1.933	572.	0.	764.9
151	2	0.701	-2.53	288.1	836.6	1162.0	1.964	572.	0.	764.9
151	3	0.701	-1.51	290.7	842.7	1177.0	1.979	572.	0.	764.9
151	4	0.702	-1.10	292.4	856.1	1179.7	1.982	572.	0.	765.0
151	5	0.702	-0.55	297.6	861.3	1194.3	2.026	572.	0.	765.2
151	6	0.702	1.39	296.6	859.3	1194.3	2.020	572.	0.	765.0
151	7	0.683	1.49	301.4	871.1	1201.3	2.099	572.	0.	766.1
151	8	0.703	3.41	301.4	871.1	1211.3	2.051	572.	0.	766.1
152	1	0.402	6.7	109.2	963.7	1077.4	1.206	69.	12.	462.1
152	2	0.401	-2.71	108.1	959.5	1072.6	1.195	70.	12.	462.1
152	3	0.401	-1.78	108.8	966.4	1079.6	1.205	69.	12.	462.1
152	4	0.401	-1.23	109.3	966.5	1080.1	1.205	70.	12.	462.1
152	5	0.401	-0.28	109.2	967.0	1081.6	1.206	70.	12.	462.1
152	6	0.403	1.26	109.9	967.3	1081.6	1.210	70.	12.	462.1
152	7	0.402	1.32	109.9	967.3	1081.6	1.210	70.	12.	462.1
152	8	0.401	-0.73	108.5	965.1	1078.5	1.203	70.	12.	462.1
152	9	0.402	-0.73	109.5	964.4	1078.5	1.206	70.	12.	462.1
153	1	0.400	6.1	107.1	953.7	1065.2	1.168	41.	4.	449.3
153	2	0.401	-2.47	107.8	957.7	1069.4	1.274	41.	4.	449.3
153	3	0.401	-1.70	108.7	961.5	1074.6	1.279	42.	4.	449.3
153	4	0.401	-1.20	108.8	963.5	1076.1	1.279	43.	4.	449.3
153	5	0.401	-0.65	109.1	965.5	1079.1	1.279	44.	4.	449.3

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M_c	α	q	p	H	$N_R \times 10^{-6}$	T_o	T	V
153	9	0.401	-0.21	109.2	967.0	1080.7	1.280	544.	526.	451.9
153	10	0.402	-0.35	109.5	967.9	1082.1	1.281	545.	527.	453.1
153	11	0.401	1.46	109.5	969.3	1083.3	1.280	545.	527.	453.3
153	12	0.402	1.42	109.8	970.5	1084.9	1.280	546.	528.	453.2
154	6	1.000	-4.26	453.1	646.6	1224.9	2.505	559.	465.	1058.9
154	7	1.000	-2.30	455.7	649.4	1229.6	2.515	559.	465.	1057.6
154	8	1.001	-1.66	455.1	650.9	1233.3	2.528	559.	465.	1058.6
154	9	1.003	-0.28	459.5	651.6	1238.2	2.535	560.	466.	1058.9
154	10	1.000	-0.16	462.1	656.4	1244.6	2.535	560.	466.	1058.2
154	11	1.002	0.18	463.4	658.0	1250.0	2.539	560.	466.	1058.0
154	12	1.001	1.85	464.2	661.5	1253.7	2.535	560.	466.	1058.7
154	13	1.001	3.70	464.4	665.8	1257.9	2.535	560.	466.	1058.0
154	14	0.998	0.00	464.4	665.8	1257.9	2.535	560.	466.	1058.0
155	2	0.999	-4.21	450.7	644.1	1220.9	2.222	559.	465.	1057.6
155	3	1.002	-2.31	452.0	644.2	1220.0	2.222	559.	465.	1057.9
155	4	1.001	-1.29	452.1	644.4	1220.7	2.222	559.	465.	1058.1
155	5	1.001	-0.80	452.2	644.7	1221.3	2.222	559.	465.	1058.0
155	6	1.001	-0.30	452.5	646.0	1222.5	2.222	559.	465.	1058.6
155	7	1.001	0.35	452.0	646.5	1224.5	2.222	559.	465.	1058.0
155	8	1.001	0.89	452.4	648.5	1225.6	2.222	559.	465.	1058.0
155	9	1.002	1.64	454.4	646.7	1226.8	2.222	559.	465.	1058.0
155	10	1.002	3.32	454.4	646.7	1226.8	2.222	559.	465.	1058.0
155	11	1.002	0.00	454.4	646.7	1226.8	2.222	559.	465.	1058.0
156	1	1.001	-4.19	456.3	651.6	1234.2	2.222	560.	466.	1059.7
156	2	1.001	-2.32	459.3	655.9	1242.0	2.222	560.	466.	1058.9
156	3	1.001	-1.77	463.5	659.2	1245.5	2.222	560.	466.	1058.9
156	4	1.002	-0.29	465.5	662.1	1255.6	2.222	561.	467.	1059.2
156	5	1.002	0.16	465.5	663.5	1257.8	2.222	561.	467.	1059.2
156	6	1.000	0.00	465.5	664.4	1258.0	2.222	561.	467.	1059.2
156	7	1.001	1.69	468.8	668.0	1260.2	2.222	561.	467.	1059.2
156	8	1.003	3.74	468.8	668.0	1260.2	2.222	561.	466.	1059.2
156	9	1.003	0.00	468.8	668.0	1260.2	2.222	561.	466.	1059.2
157	1	1.001	-4.23	460.1	657.0	1250.7	2.222	561.	467.	1059.7
157	2	1.001	-2.33	463.3	659.9	1255.0	2.222	562.	468.	1059.9
157	3	1.000	-1.81	466.7	664.9	1258.5	2.222	562.	468.	1059.9
157	4	1.000	-0.00	467.1	667.2	1260.2	2.222	562.	468.	1059.9
157	5	1.000	0.26	469.4	669.9	1262.2	2.222	562.	468.	1059.9
157	6	1.009	0.00	469.4	669.9	1262.2	2.222	562.	468.	1059.9

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _c	α	q	p	H	N _R x 10 ⁻⁶	T _o	T	V
157	9	1.002	1.72	457.8	651.3	1235.9	2.511	562.	468.	1062.6
157	9	1.000	3.71	459.2	655.0	1241.7	2.521	562.	468.	1060.0
158	1	0.998	-4.15	457.1	654.8	1237.5	2.506	563.	469.	1060.3
158	2	1.001	-2.30	462.0	657.6	1247.5	2.528	563.	468.	1060.1
158	3	1.000	-1.27	465.1	665.9	1258.2	2.549	563.	469.	1060.5
158	4	1.000	-0.77	469.0	669.3	1268.3	2.569	564.	469.	1061.5
158	5	1.000	-0.29	474.2	677.3	1282.3	2.592	564.	469.	1062.4
158	6	1.001	0.15	477.4	682.2	1293.6	2.599	564.	470.	1063.4
158	7	0.998	0.61	481.1	690.4	1308.2	2.622	564.	469.	1061.3
158	8	1.002	1.65	485.9	696.1	1325.7	2.643	564.	469.	1061.5
158	9	0.984	3.71	462.1	681.4	1266.6	2.549	564.	472.	1048.0
159	4	0.401	-0.64	109.1	967.9	1081.8	1.271	7.	523.	442.
159	5	0.397	-4.62	109.2	986.0	1100.6	1.283	49.	523.	443.
159	6	0.401	-2.66	109.4	988.4	1102.6	1.296	50.	523.	443.
159	7	0.400	-1.72	110.1	994.7	1111.7	1.325	51.	523.	443.
159	8	0.401	-1.21	110.5	996.6	1119.4	1.359	51.	523.	443.
159	9	0.403	-0.65	112.5	975.5	1090.6	1.269	52.	523.	443.
159	10	0.401	-0.28	113.0	988.2	1105.8	1.301	52.	523.	443.
159	11	0.401	0.23	110.8	1002.3	1117.9	1.257	51.	523.	443.
159	12	0.402	3.31	110.7	977.7	1093.1	1.275	51.	523.	443.
160	5	0.698	-2.56	288.4	844.2	1166.6	2.051	55.	505.	769.7
160	6	0.700	-1.54	296.3	852.0	1196.3	2.097	56.	506.	772.0
160	7	0.687	-1.02	287.2	835.8	1159.6	2.025	56.	506.	773.0
160	8	0.700	-0.57	291.9	852.7	1169.6	2.057	56.	506.	773.0
160	9	0.700	-0.11	294.6	858.9	1191.3	2.087	57.	506.	773.1
160	10	0.700	0.28	302.5	881.0	1223.8	2.139	58.	506.	774.3
160	11	0.700	1.39	297.5	865.0	1200.8	2.095	58.	506.	774.3
162	4	0.700	-2.63	289.1	841.3	1168.2	2.018	62.	513.	776.5
162	5	0.701	-1.60	295.4	856.3	1190.9	2.050	64.	513.	779.0
162	6	0.702	-1.10	300.3	870.0	1209.5	2.074	65.	513.	781.4
162	7	0.701	-0.60	304.9	886.5	1259.6	2.118	69.	507.	774.9
162	8	0.700	-0.05	307.2	893.3	1281.3	2.147	69.	507.	775.7
162	9	0.702	0.39	293.4	849.5	1199.1	2.067	68.	506.	771.6
162	10	0.698	1.40	295.4	865.0	1200.8	2.095	68.	506.	771.6
163	1	0.700	-4.49	285.1	830.8	1152.6	2.014	57.	507.	772.9
163	2	0.699	-2.59	286.7	837.3	1160.8	2.027	57.	507.	772.9
163	3	0.699	-1.64	288.6	843.1	1168.8	2.041	57.	507.	771.9

TABLE II
TUNNEL OPERATING CONDITIONS

Run Pt	M _c	α	q	p	H	N _R × 10 ⁻⁶	T _o	T	V
163	0.698	-1.25	290.2	850.4	1177.8	2.055	557.5	507.5	770.3
163	0.700	-1.05	294.9	855.0	1188.6	2.222	557.5	507.5	773.1
163	0.701	-0.10	309.6	846.6	1198.1	2.222	557.5	507.5	774.4
163	0.699	0.36	285.8	833.3	1156.4	2.222	557.5	507.5	772.0
163	0.723	1.42	300.8	821.1	1165.6	2.222	557.5	507.5	779.0
164	0.702	-4.45	281.7	814.9	1133.0	1.985	557.5	506.5	775.4
164	0.699	-2.57	280.1	819.1	1133.4	1.982	557.5	507.5	772.9
164	0.700	-1.69	280.1	819.1	1133.6	1.986	557.5	507.5	772.9
164	0.700	-0.51	282.5	822.0	1141.0	1.995	557.5	507.5	773.3
164	0.701	-0.01	283.7	823.5	1141.3	2.222	557.5	507.5	773.8
164	0.701	0.37	284.7	824.4	1144.6	2.222	557.5	507.5	773.8
164	0.702	1.46	284.7	825.1	1144.7	2.222	557.5	507.5	773.5
164	0.700	3.39	284.7	826.9	1147.9	2.222	557.5	507.5	773.5
165	0.700	-4.59	283.5	826.9	1148.5	2.020	557.5	507.5	773.6
165	0.701	-2.55	284.5	826.9	1148.5	2.010	557.5	507.5	774.9
165	0.702	-1.09	286.7	823.7	1151.6	2.222	557.5	506.5	774.9
165	0.679	-1.05	275.8	823.2	1151.6	2.222	557.5	507.5	773.8
165	0.701	-0.03	288.1	829.6	1165.3	2.222	557.5	508.5	774.4
165	0.698	0.33	288.1	834.4	1165.3	2.222	557.5	508.5	774.4
165	0.701	1.35	291.0	844.8	1177.7	2.222	557.5	508.5	774.4
165	0.699	3.51	291.0	844.8	1177.7	2.222	557.5	508.5	773.2
166	0.700	-4.52	291.5	848.1	1177.2	2.053	557.5	508.5	774.0
166	0.700	-2.52	291.5	848.1	1177.2	2.054	557.5	508.5	773.8
166	0.698	-1.14	290.1	848.1	1177.3	2.048	557.5	508.5	773.8
166	0.700	-0.15	290.6	848.1	1177.3	2.046	557.5	508.5	773.8
166	0.700	-0.05	289.7	842.6	1166.6	2.222	557.5	508.5	773.8
166	0.681	0.46	288.7	840.7	1166.6	2.222	557.5	508.5	773.8
166	0.680	1.50	276.8	853.1	1166.6	1.999	557.5	510.5	754.0
166	0.675	3.82	272.8	854.3	1166.6	1.991	557.5	511.5	754.0
166	0.698	-0.56	284.6	833.3	1154.4	1.201	557.5	507.5	770.0
167	0.900	-4.42	404.8	712.5	1205.8	2.369	562.5	483.5	970.0
167	0.900	-2.42	408.9	719.5	1218.2	2.390	562.5	483.5	970.0
167	0.899	-1.09	412.9	728.1	1234.4	2.417	562.5	484.5	970.0
167	0.901	-0.44	411.1	736.6	1234.4	2.417	562.5	484.5	970.0
167	0.881	-0.04	411.1	736.6	1234.4	2.417	562.5	484.5	970.0

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _c	α	q	p	H	N _R x 10 ⁻⁶	T _o	T	V
167	9	0.900	0.05	423.1	745.2	1261.2	2.462	564.	485.	972.3
167	10	0.899	0.49	408.9	721.9	1220.4	2.375	565.	486.	973.0
167	11	0.900	1.60	412.0	725.9	1228.4	2.392	566.	486.	974.1
167	12	0.900	3.52	415.1	731.1	1237.5	2.405	566.	486.	974.1
168	1	0.900	-4.28	407.7	717.0	1215.0	2.361	566.	486.	972.3
168	2	0.898	-2.40	408.2	722.9	1219.6	2.368	566.	486.	974.2
168	3	0.900	-1.41	410.7	722.9	1223.9	2.379	566.	486.	974.2
168	4	0.899	-0.91	411.7	726.3	1228.3	2.381	567.	487.	974.2
168	5	0.900	-0.45	413.2	729.5	1238.0	2.392	567.	487.	974.2
168	6	0.900	0.15	415.2	731.5	1242.0	2.400	567.	487.	975.0
168	7	0.900	0.49	416.8	733.6	1246.1	2.407	567.	487.	975.2
168	8	0.900	1.40	418.1	736.1	1250.8	2.417	567.	487.	975.2
168	9	0.900	3.65	419.6	739.1	1250.8	2.425	567.	487.	975.2
169	1	0.900	-4.46	413.8	729.4	1234.0	2.387	568.	488.	975.9
169	2	0.902	-2.36	414.2	730.8	1236.8	2.398	568.	488.	975.9
169	3	0.901	-1.34	416.6	731.9	1238.0	2.395	569.	489.	977.0
169	4	0.900	-0.43	416.7	733.4	1240.3	2.402	569.	489.	977.0
169	5	0.902	0.01	417.8	735.5	1245.0	2.401	569.	489.	978.1
169	6	0.900	0.18	417.9	735.5	1245.0	2.403	569.	489.	978.1
169	7	0.901	0.53	418.7	736.3	1247.7	2.408	569.	489.	978.1
169	8	0.900	1.53	418.7	737.7	1247.7	2.408	569.	489.	978.1
170	1	0.900	-4.39	415.6	729.8	1236.8	2.385	569.	489.	977.8
170	2	0.900	-2.24	412.3	727.3	1230.4	2.375	569.	489.	977.8
170	3	0.899	-1.97	410.8	720.3	1228.4	2.364	570.	490.	976.5
170	4	0.900	-0.47	406.2	714.0	1210.9	2.331	570.	490.	976.5
170	5	0.881	0.12	406.6	716.6	1211.3	2.337	570.	490.	977.6
170	6	0.901	0.48	407.7	717.7	1211.3	2.340	570.	490.	978.1
170	7	0.900	1.50	407.7	717.7	1211.3	2.340	570.	490.	978.1
170	8	0.900	3.50	407.7	717.7	1211.3	2.340	570.	490.	978.1
170	9	0.901	-0.47	408.8	718.0	1215.6	2.347	571.	491.	978.1
170	10	0.901	-0.47	408.8	718.0	1215.6	2.347	571.	491.	978.1
171	1	1.000	-4.23	422.7	631.4	1196.3	2.385	570.	474.	1068.8
171	2	1.000	-2.20	446.3	636.8	1206.1	2.405	570.	474.	1068.8
171	3	0.980	-1.30	442.3	646.1	1216.4	2.411	570.	474.	1068.8
171	4	1.000	-0.82	453.0	646.1	1223.7	2.417	570.	474.	1068.8
171	5	1.000	-0.30	457.0	652.7	1234.6	2.465	570.	474.	1068.8
171	6	1.001	0.16	461.4	663.3	1255.6	2.498	571.	475.	1069.5
171	7	1.000	0.16	461.4	663.3	1255.6	2.498	571.	475.	1069.5
171	8	1.000	0.16	461.4	663.3	1255.6	2.498	571.	475.	1069.5

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _c	α	q	P	H	N _R x 10 ⁻⁶	T _o	T	V
171	9	1.000	1.65	469.4	669.8	1268.9	2.524	571.1	475.	1069.6
171	10	1.001	3.73	474.2	675.5	1281.0	2.548	571.1	475.	1070.3
172	1	1.002	-4.33	465.6	661.9	1256.6	5.01	571.1	475.	1071.6
172	2	0.980	-2.22	459.0	681.6	1262.1	4.90	572.2	475.	1052.9
172	3	0.999	-1.31	469.5	670.3	1269.3	5.30	571.1	475.	1069.9
172	4	0.999	-1.80	471.5	673.7	1275.1	5.30	572.2	476.	1069.4
172	5	0.999	-0.51	473.3	676.9	1280.5	4.02	572.2	476.	1069.1
172	6	0.998	0.16	477.3	680.4	1286.5	5.55	572.2	476.	1069.4
172	7	0.999	0.62	477.1	683.3	1293.4	5.90	572.2	476.	1070.1
172	8	1.000	1.63	464.7	665.0	1254.7	4.97	573.3	477.	1072.1
172	9	1.001	3.63	466.7	665.0	1260.0	4.97	573.3	477.	1072.1
173	1	1.000	3.29	454.7	649.2	1228.9	3.4	573.3	477.	1071.1
173	2	1.001	-4.33	454.9	647.1	1228.7	3.32	573.3	477.	1072.1
173	3	1.002	-1.33	454.9	647.1	1228.7	3.30	573.3	477.	1071.1
173	4	1.000	-1.82	454.2	646.5	1225.4	2.63	573.3	477.	1071.1
173	5	1.000	0.33	453.7	645.4	1222.5	2.23	573.3	477.	1072.1
173	6	1.001	0.16	453.0	645.4	1222.3	2.4	573.3	477.	1073.3
173	7	1.002	1.72	453.2	643.3	1222.2	2.1	573.3	477.	1073.3
173	8	1.002	3.72	452.9	643.3	1222.2	2.1	573.3	477.	1073.3
173	9	1.002	5.72	452.9	643.3	1222.2	2.1	573.3	477.	1073.3
174	1	0.981	0.8	42.8	656.9	1153.5	3.92	773.3	480.	23.6
174	2	1.001	4.23	452.3	645.7	1153.5	3.92	773.3	477.	1073.3
174	3	1.001	-1.33	452.3	645.7	1153.5	3.92	773.3	477.	1073.3
174	4	1.000	-1.80	452.3	645.7	1153.5	3.92	773.3	477.	1073.3
174	5	0.999	0.33	452.3	645.7	1153.5	3.92	773.3	477.	1073.3
174	6	1.001	0.16	452.3	645.7	1153.5	3.92	773.3	477.	1073.3
174	7	1.001	1.63	452.3	645.7	1153.5	3.92	773.3	477.	1073.3
174	8	1.001	3.63	452.3	645.7	1153.5	3.92	773.3	477.	1073.3
174	9	1.001	5.63	452.3	645.7	1153.5	3.92	773.3	477.	1073.3
174	10	1.001	-0.33	452.3	645.7	1153.5	3.92	773.3	477.	1073.3
175	6	0.999	-4.23	442.8	633.7	1198.1	3.92	570.9	474.	1066.6
175	7	1.000	-2.39	444.4	634.1	1201.4	3.92	570.9	474.	1066.6
175	8	0.998	-1.33	444.4	633.7	1201.4	3.92	570.9	475.	1066.6
175	9	1.000	-1.80	444.4	633.7	1201.4	3.92	570.9	475.	1066.6
175	10	1.003	0.27	444.4	633.7	1201.4	3.92	570.9	475.	1066.6
175	11	1.002	1.63	444.4	633.7	1201.4	3.92	570.9	475.	1066.6
175	12	1.002	3.63	444.4	633.7	1201.4	3.92	570.9	475.	1066.6
175	13	1.002	5.63	444.4	633.7	1201.4	3.92	570.9	475.	1066.6
175	14	1.000	7.63	444.4	633.7	1201.4	3.92	570.9	475.	1066.6

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _c	α	q	P	H	N _R x 10 ⁻⁶	T ₀	T	V
176	1	205	-4.12	514.0	504.9	1234.0	249	577.0	446.0	1234.0
176	2	208	-1.13	516.3	510.6	1241.2	245	577.0	447.0	1234.0
176	3	202	-1.16	519.1	511.0	1245.7	226	578.0	447.0	1234.0
176	4	204	-0.21	522.3	512.0	1267.4	239	580.0	449.0	1234.0
176	5	201	0.24	532.1	524.1	1278.2	256	580.0	449.0	1234.0
176	6	204	0.81	536.0	528.9	1289.0	276	581.0	450.0	1234.0
176	7	201	1.88	540.1	534.3	1299.0	296	581.0	450.0	1234.0
176	8	182	3.88	541.6	535.3	1311.7	220	581.0	454.0	1234.0
177	1	205	-4.16	540.0	533.7	1299.0	227	582.0	451.0	1234.0
177	2	180	-2.15	543.9	535.3	1308.1	233	582.0	451.0	1234.0
177	3	201	-1.14	546.0	541.3	1312.3	234	583.0	451.0	1234.0
177	4	203	-0.14	550.9	543.7	1323.8	233	583.0	452.0	1234.0
177	5	203	0.29	556.3	549.0	1334.8	233	583.0	452.0	1234.0
177	6	204	0.73	561.3	553.0	1340.3	201	584.0	452.0	1234.0
177	7	203	1.73	566.3	558.8	1356.0	249	584.0	453.0	1234.0
177	8	205	3.74	553.0	549.3	1329.3	264	585.0	453.0	1234.0
177	9	120	1.74	555.3	549.3	1337.3	264	585.0	453.0	1234.0
178	1	205	-4.22	521.0	513.7	1262.0	299	580.0	449.0	1234.0
178	2	203	-2.25	525.3	518.4	1269.3	242	580.0	449.0	1234.0
178	3	203	-1.22	530.1	523.0	1277.6	240	580.0	449.0	1234.0
178	4	201	0.22	533.7	525.9	1283.0	240	581.0	450.0	1234.0
178	5	203	0.70	535.2	527.7	1287.1	245	581.0	450.0	1234.0
178	6	200	1.79	536.6	528.0	1291.1	275	582.0	451.0	1234.0
178	7	200	3.79	533.0	523.0	1287.1	245	582.0	451.0	1234.0
179	1	205	-4.21	516.3	509.3	1240.0	274	583.0	451.0	1234.0
179	2	203	-2.17	516.1	509.1	1240.0	267	583.0	451.0	1234.0
179	3	202	-1.17	515.6	509.1	1240.0	263	583.0	451.0	1234.0
179	4	202	0.22	517.0	510.6	1242.4	273	583.0	451.0	1234.0
179	5	202	0.76	522.5	515.1	1254.4	276	583.0	451.0	1234.0
179	6	203	1.78	526.0	518.3	1261.1	210	584.0	451.0	1234.0
179	7	205	3.78	526.0	518.3	1264.4	210	584.0	451.0	1234.0
180	1	201	-4.15	539.9	534.4	1297.0	270	585.0	451.0	1234.0
180	2	201	-2.15	539.9	534.4	1297.0	276	585.0	451.0	1234.0
180	3	201	-2.22	540.0	534.4	1299.0	278	585.0	451.0	1234.0

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M_c	α	q	p	H	$N_R \times 10^{-6}$	T_o	T	V
180	4	1.203	-1.268	540.1	533.3	1390.0	274	585	553	666
180	5	1.203	-0.221	541.5	533.4	1301.0	575	585	553	666
180	6	1.203	0.221	542.0	533.5	1302.0	579	585	553	666
180	8	1.202	0.776	541.8	533.5	1302.0	580	585	553	666
180	10	1.203	3.80	542.8	533.4	1304.0	582	585	553	666
180	11	1.203	-0.28	544.0	533.6	1307.0	584	586	554	667
182	6	0.399	-4.63	105.2	944.0	1053.0	06	56	530	445
182	7	0.400	-2.68	105.2	943.7	1053.0	10	56	530	445
182	8	0.400	-1.72	106.2	946.5	1057.0	14	56	530	445
182	10	0.399	-1.16	106.4	948.5	1059.0	18	55	530	445
182	11	0.396	-0.25	104.5	949.7	1058.0	19	55	530	445
182	12	0.400	0.28	106.5	946.5	1057.0	21	55	530	445
182	13	0.401	3.27	106.5	946.5	1057.0	22	54	530	445
182	14	0.399	-0.66	105.5	946.7	1056.0	28	55	530	445
183	1	0.399	-4.61	105.6	943.0	1053.0	07	52	530	445
183	2	0.399	-2.70	105.8	943.9	1056.0	23	52	530	445
183	3	0.399	-1.70	105.7	943.3	1055.0	25	51	530	445
183	4	0.400	-1.21	105.2	943.6	1055.0	30	51	530	445
183	5	0.400	-0.25	106.6	948.0	1063.0	46	51	530	445
183	6	0.400	0.27	106.8	950.1	1061.0	56	50	530	445
183	7	0.400	1.33	106.3	949.9	1058.0	69	50	530	445
183	8	0.397	3.33	105.2	949.9	1058.0	73	50	530	445
184	1	0.399	-4.71	106.4	954.7	1065.0	33	48	531	445
184	2	0.399	-2.68	106.6	956.0	1067.0	45	48	531	445
184	3	0.399	-1.74	107.0	957.0	1068.0	50	47	531	445
184	4	0.400	-1.16	107.5	957.9	1071.0	52	47	531	445
184	5	0.398	-0.26	107.6	960.0	1072.0	57	47	531	445
184	6	0.399	0.26	107.8	960.0	1074.0	62	46	531	445
184	7	0.400	1.33	108.0	962.2	1075.0	68	46	531	445
184	8	0.400	3.26	108.5	964.0	1077.0	8	46	531	445
185	1	0.701	-4.53	287.1	833.0	1157.0	5	53	503	771
185	2	0.701	-2.56	287.4	834.6	1159.0	22	54	504	772
185	3	0.700	-1.61	287.2	835.3	1159.0	42	54	504	771

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _c	α	q	P	H	N _R x 10 ⁻⁶	T _o	T	V
185	4	0.701	-1.05	287.6	835.9	1160.6	2.039	555.	505.	772.7
185	5	0.700	-0.50	287.7	836.9	1161.8	2.036	555.	505.	771.8
185	6	0.700	-0.10	287.2	836.2	1161.3	2.044	555.	506.	772.9
185	7	0.704	0.39	288.1	837.4	1162.7	2.038	556.	506.	776.0
185	8	0.701	1.47	288.0	837.2	1163.4	2.034	557.	507.	773.0
185	9	0.700	3.36	288.1	838.5	1163.7	2.035	557.	507.	773.3
185	10	0.700	-0.54	288.1	838.5	1163.7	2.035	557.	507.	773.3
186	1	0.699	-4.49	287.5	838.6	1162.7	2.039	557.	507.	772.9
186	2	0.723	-2.51	300.1	819.5	1161.3	2.069	557.	504.	775.4
186	3	0.700	-1.54	287.3	833.4	1158.5	2.026	557.	507.	773.6
186	4	0.700	-1.04	287.0	833.7	1157.2	2.023	557.	507.	773.6
186	5	0.700	-0.50	286.5	833.3	1155.8	2.020	557.	507.	773.6
186	6	0.699	-0.05	286.8	833.1	1155.3	2.016	557.	507.	773.1
186	7	0.700	-0.12	285.4	833.0	1155.2	2.014	557.	507.	772.9
186	8	0.700	1.36	285.0	833.4	1155.2	2.008	557.	507.	772.6
186	9	0.697	1.43	284.5	828.8	1151.9	2.009	557.	507.	773.0
186	10	0.700	3.44	284.4	828.8	1149.6	2.009	557.	507.	773.0
187	1	0.700	-4.55	281.9	821.6	1139.9	1.992	557.	507.	772.8
187	2	0.700	-2.51	283.3	825.1	1144.6	2.001	557.	507.	773.7
187	3	0.701	-1.53	284.1	825.3	1146.5	2.005	557.	507.	773.8
187	4	0.700	-1.02	284.6	826.3	1147.7	2.007	557.	507.	773.8
187	5	0.700	-0.54	284.7	827.4	1148.5	2.009	557.	507.	773.8
187	6	0.700	-0.11	284.7	827.0	1149.5	2.010	557.	507.	773.6
187	7	0.700	0.40	284.7	826.9	1150.6	2.011	557.	507.	773.6
187	8	0.700	1.48	285.2	829.5	1151.6	2.014	557.	507.	773.4
187	9	0.700	3.46	285.2	829.5	1152.0	2.014	557.	507.	773.4
188	1	0.700	-4.54	286.3	834.2	1157.4	2.035	557.	507.	772.9
188	2	0.700	-2.49	288.2	838.8	1163.7	2.035	557.	507.	773.4
188	3	0.701	-1.56	290.3	842.8	1170.7	2.048	557.	507.	774.2
188	4	0.699	-1.05	290.3	842.8	1176.7	2.056	557.	507.	774.2
188	5	0.700	-0.53	293.3	855.0	1186.1	2.073	557.	507.	772.8
188	6	0.700	-0.10	295.4	861.0	1194.4	2.087	557.	507.	773.1
188	7	0.700	0.46	297.2	865.7	1201.1	2.092	557.	507.	773.0
188	8	0.697	1.42	295.2	867.2	1200.1	2.107	557.	507.	770.1
188	9	0.696	3.40	297.7	871.7	1207.6	2.107	557.	507.	771.1
189	1	0.901	-4.46	407.5	717.0	1214.0	2.365	565.	486.	973.6
189	2	0.901	-2.39	410.4	720.9	1221.8	2.381	565.	485.	974.3
189	3	0.900	-1.44	410.0	721.5	1221.7	2.380	565.	486.	973.5
189	4	0.901	-0.88	410.5	722.0	1222.8	2.382	565.	486.	973.1

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _c	α	q	P	H	N _R x 10 ⁻⁶	T _o	T	V
189	5	0.898	-0.402	409.6	724.8	123.5	2.80	565.	486.	970.8
189	6	0.900	0.50	410.8	723.1	122.5	2.385	565.	486.	972.8
189	7	0.900	0.56	410.5	724.1	122.5	2.385	565.	486.	972.2
189	8	0.899	1.56	411.9	723.9	122.5	2.390	565.	486.	974.1
189	10	0.901	-0.44	412.1	725.1	122.7	2.392	565.	486.	973.6
190	1	0.900	-4.34	412.8	728.0	123.1	2.39	565.	486.	972.6
190	2	0.898	-1.42	413.2	731.1	123.6	2.405	565.	486.	971.3
190	3	0.900	-1.99	415.4	731.8	123.8	2.417	565.	486.	973.9
190	4	0.900	-0.43	415.9	733.3	124.0	2.410	566.	487.	973.8
190	5	0.900	0.01	416.4	733.4	124.1	2.412	566.	486.	974.0
190	6	0.901	0.52	417.2	733.1	124.2	2.416	566.	486.	974.5
190	7	0.901	1.36	417.9	734.8	124.4	2.419	566.	486.	974.7
191	1	0.901	-4.32	401.9	706.8	119.7	2.7	566.	486.	974.7
191	2	0.899	-2.34	404.3	713.8	120.6	2.343	566.	487.	973.1
191	3	0.881	-1.41	397.5	719.0	121.5	2.353	566.	487.	975.2
191	4	0.899	-0.86	407.5	721.8	122.2	2.367	566.	487.	973.9
191	5	0.901	-0.39	410.6	721.5	122.6	2.374	566.	486.	974.2
191	6	0.900	0.05	411.7	724.5	123.0	2.391	566.	487.	973.7
191	7	0.901	0.57	414.5	728.9	123.4	2.402	566.	486.	974.2
191	8	0.901	1.55	416.7	731.9	124.0	2.412	566.	486.	975.2
192	1	0.900	-4.34	403.2	709.6	120.1	2.5	566.	486.	974.3
192	2	0.901	-2.38	406.2	714.8	121.0	2.541	566.	487.	974.4
192	3	0.899	-1.42	409.9	721.8	122.0	2.571	566.	486.	974.2
192	4	0.900	-0.94	413.8	728.6	123.3	2.598	566.	486.	974.4
192	5	0.900	-0.39	418.0	737.0	124.8	2.61	566.	486.	974.3
192	6	0.899	0.05	420.3	748.0	126.5	2.617	566.	487.	973.7
192	7	0.899	1.55	411.9	726.4	124.0	2.608	566.	487.	971.1
193	7	0.999	-4.36	454.0	650.6	123.0	2.6	565.	461.	1052.3
193	8	0.999	-2.30	455.9	650.3	123.3	2.61	565.	462.	1053.6
193	9	1.000	-1.83	455.5	650.3	123.2	2.62	565.	463.	1055.6
193	10	0.999	-0.83	456.7	651.3	123.5	2.623	565.	465.	1056.3
193	11	0.999	0.0	458.5	652.6	123.7	2.63	565.	465.	1059.5

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _c	α	q	P	H	N _R × 10 ⁻⁶	T _o	T	V
193	13	0.999	0.64	457.9	654.8	1238.9	2.527	560.	466.	1058.3
193	14	1.000	1.76	459.1	655.0	1240.8	2.522	560.	466.	1059.2
193	17	1.000	-0.32	458.5	654.2	1239.3	2.523	561.	467.	1060.
194	1	0.999	-4.30	457.8	654.6	1238.6	2.521	561.	467.	1059.3
194	2	0.998	-2.27	459.5	659.3	1245.4	2.539	561.	467.	1058.1
194	3	1.000	-1.32	462.5	660.2	1250.6	2.551	562.	468.	1059.3
194	4	0.999	-1.85	463.5	662.6	1255.0	2.551	562.	468.	1059.6
194	5	0.998	-0.30	463.9	665.2	1257.7	2.549	562.	468.	1059.5
194	6	0.998	0.44	463.9	664.2	1255.3	2.544	562.	467.	1059.5
194	7	0.998	1.64	463.5	665.8	1255.0	2.548	562.	468.	1061.
194	8	1.000	3.74	462.5	659.	1249.8	2.538	562.	468.	1061.
194	9	1.000	1.74	462.5	659.	1249.8	2.538	562.	468.	1061.
195	1	0.999	-4.22	456.0	651.8	1233.4	2.504	562.	468.	1060.3
195	2	0.999	-2.32	456.9	654.5	1236.8	2.511	562.	468.	1059.7
195	3	0.999	-1.32	457.5	654.0	1234.7	2.522	562.	468.	1059.1
195	4	1.001	-0.83	459.2	657.6	1240.0	2.526	562.	468.	1061.0
195	5	0.999	-0.34	459.9	657.5	1244.5	2.528	562.	469.	1061.2
195	6	1.000	0.16	460.5	658.5	1247.9	2.537	562.	468.	1060.3
195	7	0.999	1.37	462.5	659.	1251.5	2.553	563.	468.	1060.3
196	1	1.001	5.28	458.7	647.2	1226.6	2.485	563.	469.	1061.3
196	2	1.001	2.26	458.9	653.9	1238.9	2.513	563.	469.	1061.2
196	3	0.999	-1.36	460.9	658.3	1246.3	2.543	563.	469.	1061.4
196	4	1.000	-0.79	463.3	661.3	1253.4	2.567	563.	471.	1062.1
196	5	0.989	0.32	461.0	661.3	1255.9	2.567	563.	470.	1062.1
196	6	1.000	0.16	463.3	676.8	1279.3	2.587	563.	470.	1062.1
196	7	0.997	1.61	463.7	639.7	1222.9	2.451	563.	469.	1062.9
196	8	0.999	3.62	451.4	647.7	1222.9	2.476	563.	469.	1061.
196	9	0.999	1.62	454.4	649.	1222.9	2.491	563.	469.	1061.
197	1	1.003	3.6	459.3	637.1	1219.3	2.456	563.	469.	1062.4
197	2	1.000	-2.32	454.7	649.5	1223.7	2.477	564.	469.	1062.4
197	3	0.999	-1.34	457.5	654.2	1233.5	2.509	564.	469.	1062.4
197	4	1.003	-0.84	464.4	659.2	1235.5	2.549	564.	469.	1062.4
197	5	1.000	0.36	457.0	652.8	1235.5	2.549	564.	469.	1062.4
197	6	1.000	1.58	461.4	658.6	1245.3	2.564	564.	469.	1062.4
197	7	1.000	1.6	467.7	666.	1256.3	2.595	564.	469.	1062.4
197	8	1.001	1.6	467.7	666.	1256.3	2.595	564.	469.	1062.4
197	9	1.001	1.6	467.7	666.	1256.3	2.595	564.	469.	1062.4

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _c	α	q	P	H	N _R × 10 ⁻⁶	T _o	T	V
197	10	1.002	3.64	474.5	674.3	1280.4	2.550	564.	469.	1064.8
198	4	1.203	4.120	524.3	516.6	1259.4	2.644	560.	434.	1239.4
198	5	1.204	4.21	532.9	528.8	1278.6	2.677	561.	435.	1231.0
198	6	1.201	4.74	536.9	534.7	1289.3	2.694	562.	435.	1231.0
198	7	1.201	0.23	540.9	547.0	1300.6	2.709	563.	436.	1231.0
198	8	1.200	0.23	551.3	550.2	1327.6	2.768	565.	439.	1232.2
198	9	1.202	0.270	556.3	554.2	1339.4	2.782	566.	439.	1234.5
198	10	1.201	1.728	561.0	557.7	1345.3	2.792	566.	441.	1235.7
198	11	1.201	1.778	563.0	554.2	1345.3	2.792	569.	441.	1237.7
198	12	1.202	1.778	568.4	554.2	1348.3	2.792	569.	441.	1237.7
199	1	1.203	4.127	542.7	535.1	1303.2	2.678	569.	442.	1239.4
199	2	1.202	4.28	546.1	540.0	1314.5	2.694	570.	442.	1239.4
199	3	1.201	4.274	551.2	545.9	1323.4	2.717	570.	442.	1239.4
199	4	1.201	4.215	554.9	552.0	1334.0	2.755	570.	442.	1239.4
199	5	1.201	4.25	562.1	556.6	1351.1	2.771	570.	442.	1239.4
199	6	1.180	4.64	562.1	554.3	1351.1	2.771	568.	442.	1239.4
199	7	1.203	4.72	564.9	554.6	1352.1	2.720	568.	440.	1237.7
199	8	1.203	4.72	565.3	554.6	1353.0	2.740	568.	440.	1237.7
200	1	1.80	4.19	546.1	542.2	1314.5	2.699	568.	441.	1239.4
200	2	1.199	4.21	546.1	542.2	1314.5	2.708	568.	441.	1239.4
200	3	1.200	4.74	548.3	544.1	1318.1	2.715	569.	441.	1239.4
200	4	1.200	4.74	551.6	545.5	1326.0	2.734	569.	441.	1239.4
200	5	1.202	4.78	554.7	547.0	1333.8	2.740	569.	441.	1239.4
200	6	1.202	4.73	556.8	551.1	1334.1	2.757	569.	441.	1239.4
200	7	1.201	4.778	558.2	551.1	1334.1	2.757	569.	441.	1239.4
200	8	1.202	4.778	558.2	551.1	1334.1	2.757	569.	441.	1239.4
201	1	1.201	4.22	540.7	534.0	1299.9	2.671	569.	441.	1239.4
201	2	1.202	4.21	540.7	534.0	1299.9	2.671	569.	441.	1239.4
201	3	1.202	4.76	540.7	534.0	1299.9	2.669	569.	441.	1239.4
201	4	1.203	4.76	540.7	534.0	1299.9	2.669	569.	441.	1239.4
201	5	1.202	4.76	540.7	534.0	1299.9	2.669	569.	441.	1239.4
201	6	1.202	4.77	540.7	534.0	1299.9	2.669	569.	441.	1239.4
201	7	1.202	4.77	540.7	534.0	1299.9	2.669	569.	441.	1239.4
201	8	1.202	4.77	540.7	534.0	1299.9	2.669	569.	441.	1239.4
201	9	1.202	4.77	540.7	534.0	1299.9	2.669	569.	441.	1239.4
202	1	1.199	4.24	540.7	536.9	1301.3	2.668	570.	442.	1236.9

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M_c	α	q	P	H	$N_R \times 10^{-6}$	T_o	T	V
202	2	201	2.25	541.9	535.3	1302.1	2.70	570.	443.	1239.0
202	3	201	-1.77	544.2	536.4	1304.1	6.73	570.	443.	1239.0
202	4	201	-1.26	542.6	536.1	1304.1	6.74	570.	443.	1239.0
202	5	202	-1.21	543.5	536.1	1305.5	6.77	570.	443.	1239.0
202	6	202	0.71	543.7	537.1	1306.0	6.79	570.	443.	1239.0
202	7	203	0.73	544.3	537.1	1308.0	6.82	571.	443.	1239.0
202	8	200	1.83	544.4	539.2	1308.0	6.77	571.	443.	1239.0
202	9	200	0.25	544.0	539.2	1309.8	6.77	571.	443.	1239.0
202	10	180	-0.25	545.4	533.8	1309.8	6.77	571.	443.	1239.0
204	4	202	2.20	518.3	511.1	1255.8	5.59	560.	443.	1239.0
204	5	202	2.20	522.5	516.1	1255.8	6.24	561.	443.	1239.0
204	6	203	1.73	523.3	518.4	1269.0	4.2	562.	443.	1239.0
204	7	203	1.73	523.3	522.5	1269.0	4.2	562.	443.	1239.0
204	8	202	2.20	523.3	522.5	1278.5	6.86	562.	443.	1239.0
204	9	202	2.20	523.3	522.5	1278.5	6.86	562.	443.	1239.0
204	10	202	2.20	523.3	522.5	1278.5	6.86	562.	443.	1239.0
204	11	202	2.20	523.3	522.5	1278.5	6.86	562.	443.	1239.0
204	12	204	1.93	523.3	522.5	1278.5	6.86	562.	443.	1239.0
205	1	202	1.4	546.9	540.3	1318.4	7.25	565.	443.	1239.0
205	2	202	2.27	548.9	541.4	1322.5	7.35	565.	443.	1239.0
205	3	202	1.68	549.1	547.7	1322.5	7.44	565.	443.	1239.0
205	4	202	2.29	549.1	547.7	1322.5	7.44	565.	443.	1239.0
205	5	202	2.29	549.1	547.7	1322.5	7.44	565.	443.	1239.0
205	6	202	2.29	549.1	547.7	1322.5	7.44	565.	443.	1239.0
205	7	202	2.29	549.1	547.7	1322.5	7.44	565.	443.	1239.0
205	8	202	2.29	549.1	547.7	1322.5	7.44	565.	443.	1239.0
205	9	202	2.29	549.1	547.7	1322.5	7.44	565.	443.	1239.0
206	1	201	0.8	554.1	548.2	1325.3	7.50	567.	443.	1239.0
206	2	201	2.27	554.1	548.2	1325.3	7.50	567.	443.	1239.0
206	3	201	2.27	554.1	548.2	1325.3	7.50	567.	443.	1239.0
206	4	202	2.27	554.1	548.2	1325.3	7.50	567.	443.	1239.0
206	5	202	2.27	554.1	548.2	1325.3	7.50	567.	443.	1239.0
206	6	201	2.27	554.1	548.2	1325.3	7.50	567.	443.	1239.0
206	7	201	2.27	554.1	548.2	1325.3	7.50	567.	443.	1239.0
206	8	201	2.27	554.1	548.2	1325.3	7.50	567.	443.	1239.0
206	9	201	2.27	554.1	548.2	1325.3	7.50	567.	443.	1239.0
206	10	201	2.27	554.1	548.2	1325.3	7.50	567.	443.	1239.0
207	1	999	2.21	461.8	660.6	1249.2	2.52	564.	470.	1061.7
207	2	999	2.23	463.8	663.1	1254.7	2.53	564.	470.	1062.1

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _c	α	q	P	H	N _R × 10 ⁻⁶	T _o	T	V
207	3	1.000	-1.277	469.1	665.0	1259.5	2.547	564.0	469.0	1062.9
207	4	0.999	-0.266	467.1	673.8	1265.7	2.557	564.0	470.0	1064.0
207	5	0.999	-0.175	455.3	650.1	1274.0	2.576	564.0	469.0	1062.0
207	6	1.000	0.175	458.1	655.7	1231.0	2.488	564.0	470.0	1062.0
207	7	0.999	1.777	458.2	660.2	1244.0	2.511	564.0	470.0	1058.0
207	8	0.995	3.770	461.8		1249.2	2.525	564.0	470.0	1062.1
208	1	0.999	-4.31	453.6	648.1	1226.8	2.480	564.0	470.0	1062.0
208	2	1.000	-2.250	454.9	648.1	1228.8	2.484	564.0	469.0	1062.0
208	3	0.998	-1.377	454.5	650.3	1230.2	2.485	564.0	470.0	1060.0
208	4	1.000	-0.288	455.8	651.9	1231.7	2.490	564.0	470.0	1063.0
208	5	0.999	0.249	456.1	652.7	1233.5	2.497	564.0	469.0	1062.0
208	6	1.000	0.649	456.3	653.0	1235.4	2.498	564.0	470.0	1061.0
208	7	0.999	1.711	456.7	656.0	1238.0	2.501	564.0	469.0	1060.0
208	8	1.000	3.64	458.7	655.0	1240.2	2.507	564.0	469.0	1062.0
209	1	1.001	-4.266	458.0	652.0	1237.4	2.504	564.0	469.0	1063.0
209	2	1.002	-2.231	458.7	652.2	1238.8	2.504	564.0	469.0	1063.0
209	3	1.001	-1.829	458.7	653.5	1238.8	2.505	564.0	469.0	1063.0
209	4	1.001	-0.820	459.1	653.5	1239.7	2.507	564.0	469.0	1063.0
209	5	0.999	0.200	458.7	655.9	1239.9	2.505	564.0	470.0	1062.0
209	6	1.002	1.619	458.0	655.7	1241.1	2.504	564.0	467.0	1062.0
209	7	0.999	3.623	457.1	654.6	1243.5	2.516	562.0	468.0	1061.0
209	8	1.000	-0.33	457.1	652.0	1243.5	2.510	562.0	468.0	1061.0
210	1	0.900	-4.350	403.5	710.9	1202.4	2.345	565.0	486.0	973.0
210	2	0.901	-2.501	407.6	716.6	1213.4	2.365	565.0	486.0	973.0
210	3	0.909	-1.418	410.6	723.0	1223.5	2.385	565.0	486.0	973.0
210	4	0.909	-0.888	413.5	731.1	1235.3	2.399	566.0	486.0	973.0
210	5	0.901	0.407	418.5	736.2	1246.6	2.425	566.0	486.0	973.0
210	6	0.898	0.666	413.8	731.7	1236.0	2.395	567.0	487.0	973.0
210	7	0.900	1.617	418.2	736.1	1247.5	2.418	567.0	487.0	973.0
210	8	0.900	3.57	421.2	741.9	1255.5	2.434	567.0	487.0	973.0
211	1	0.901	-4.359	410.4	721.0	1221.9	2.370	567.0	487.0	975.0
211	2	0.901	-2.359	412.1	724.7	1227.5	2.381	567.0	487.0	975.0
211	3	0.898	-1.357	412.4	729.7	1232.6	2.392	568.0	489.0	973.0
211	4	0.901	-0.397	415.1	729.7	1236.6	2.392	568.0	489.0	973.0

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _c	α	q	P	H	N _R x 10 ⁻⁶	T _o	T	V
211	5	0.901	-0.42	417.0	733.2	1242.0	2.403	568.	488.	976.5
211	6	0.900	-0.14	418.0	737.8	1246.3	2.411	568.	488.	975.4
211	7	0.901	0.56	420.1	738.0	1251.3	2.421	568.	488.	976.3
211	8	0.901	1.56	421.4	741.1	1255.2	2.429	568.	488.	975.9
211	9	0.900	3.64	422.3	743.4	1258.5	2.435	568.	488.	975.9
212	1	0.901	-4.5	411.6	723.6	1225.6	2.366	569.	489.	977.3
212	2	0.901	-2.42	409.3	719.3	1218.8	2.353	569.	489.	977.6
212	3	0.901	-1.29	408.8	719.2	1217.1	2.350	569.	489.	977.7
212	4	0.897	-0.90	406.2	719.0	1214.8	2.342	569.	489.	977.0
212	5	0.901	-0.40	406.4	716.8	1213.7	2.343	569.	489.	977.0
212	6	0.899	0.12	407.1	718.3	1214.7	2.344	569.	489.	975.3
212	7	0.899	0.68	406.7	718.2	1214.5	2.343	569.	489.	975.3
212	8	0.900	1.68	407.8	718.2	1215.6	2.346	569.	489.	976.5
212	9	0.900	3.71	407.7	718.3	1215.6	2.346	569.	489.	976.5
212	10	0.899	-0.42	407.8	719.4	1216.7	2.342	570.	490.	976.5
213	1	0.699	-4.52	286.9	836.9	1160.9	1.999	563.	512.	776.5
213	2	0.699	-2.47	286.9	837.6	1161.1	1.999	563.	512.	776.5
213	3	0.679	-1.47	275.4	852.4	1160.2	1.969	562.	514.	755.3
213	4	0.679	-0.51	275.0	852.8	1161.2	1.969	562.	514.	755.3
213	5	0.699	-0.02	287.0	837.4	1161.8	2.006	561.	511.	775.8
213	6	0.679	0.51	287.4	837.1	1161.4	2.012	561.	510.	775.8
213	7	0.699	1.47	287.3	838.7	1162.6	2.012	561.	511.	775.1
213	8	0.699	3.50	287.3	838.8	1162.6	2.012	561.	511.	774.6
213	9	0.699	-0.54	287.1	839.3	1163.3	2.012	561.	511.	774.6
213	10	0.699	-4.54	287.1	839.3	1163.3	2.012	561.	511.	774.6
214	1	0.697	-4.5	284.2	836.2	1159.3	2.02	560.	510.	771.8
214	2	0.701	-2.58	287.7	835.1	1159.4	2.014	560.	510.	775.9
214	3	0.679	-1.49	275.0	851.8	1160.2	1.979	560.	512.	755.9
214	4	0.699	-0.53	287.7	838.0	1162.7	2.016	561.	510.	775.0
214	5	0.699	-0.03	288.4	840.9	1164.4	2.019	561.	510.	775.4
214	6	0.700	0.51	288.5	841.2	1166.8	2.022	561.	510.	775.4
214	7	0.699	1.62	288.3	843.6	1168.2	2.026	561.	511.	774.7
214	8	0.699	3.42	289.3	843.3	1170.2	2.026	561.	510.	775.4
214	9	0.699	-4.5	284.7	831.9	1153.2	1.995	561.	511.	774.7
215	1	0.699	-2.56	286.3	836.1	1159.3	2.008	561.	510.	775.4
215	2	0.699	-1.57	289.1	841.9	1167.5	2.020	561.	510.	775.0
215	3	0.700	-0.51	291.7	841.0	1167.5	2.036	561.	510.	776.4
215	4	0.699	-0.51	291.7	852.0	1181.2	2.044	561.	511.	774.4

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M_c	α	q	p	H	$N_R \times 10^{-6}$	T_o	T	V
215	6	0.699	-0.02	293.7	857.6	1189.0	2.058	561.1	510.	774.3
215	7	0.699	0.57	295.6	862.3	1196.0	2.070	561.1	510.	775.0
215	8	0.699	1.47	290.0	846.4	1173.6	2.031	561.1	510.	775.0
217	4	0.700	4.53	287.1	835.9	1160.0	2.148	533.3	485.	756.3
217	5	0.700	-2.57	287.4	836.2	1160.6	2.149	533.3	485.	756.3
217	6	0.700	-1.51	287.5	837.4	1160.9	2.146	533.3	485.	756.3
217	7	0.680	-0.87	276.8	852.8	1163.2	2.106	535.5	486.	756.3
217	8	0.698	-0.52	287.3	840.7	1164.9	2.145	535.5	487.	756.3
217	9	0.700	-0.00	288.3	840.2	1166.4	2.135	537.7	488.	756.3
217	10	0.697	0.47	289.6	843.1	1167.9	2.142	537.7	488.	756.3
217	11	0.701	1.53	290.2	842.2	1170.2	2.143	538.8	489.	756.3
217	12	0.701	3.45	290.0	843.9	1171.4	2.143	538.8	489.	756.3
217	13	0.700	-0.55	290.0	843.9	1171.4	2.143	538.8	489.	756.3
218	8	0.700	4.57	295.5	861.2	1195.0	2.189	538.8	489.	759.4
218	9	0.700	-2.48	296.8	865.8	1200.2	2.190	539.0	490.	760.1
218	10	0.698	-1.52	297.3	866.8	1203.2	2.190	541.1	491.	761.9
218	11	0.700	-1.07	297.8	866.2	1202.9	2.184	541.1	492.	762.2
218	12	0.700	-0.49	297.2	866.7	1201.1	2.185	541.1	493.	762.2
218	13	0.700	0.00	297.1	865.7	1201.1	2.170	542.2	493.	762.2
218	14	0.700	0.45	296.5	863.5	1201.1	2.170	542.2	493.	762.2
218	15	0.720	3.52	307.5	846.6	1196.0	2.203	542.2	491.	762.2
219	1	0.699	4.52	292.4	854.7	1184.3	2.147	542.2	493.	761.9
219	2	0.699	-2.48	293.1	855.5	1186.3	2.154	542.2	493.	761.9
219	3	0.699	-1.48	293.2	856.4	1187.3	2.153	542.2	493.	761.9
219	4	0.697	-0.97	292.6	858.3	1188.3	2.161	542.2	492.	761.9
219	5	0.699	-0.50	294.3	858.0	1190.0	2.162	542.2	492.	761.9
219	6	0.699	-0.02	294.5	860.1	1192.5	2.167	542.2	492.	761.9
219	7	0.699	0.45	295.4	861.6	1195.0	2.169	542.2	492.	761.9
219	8	0.680	3.56	284.3	878.0	1196.0	2.134	542.2	492.	761.9
220	1	0.699	4.48	294.1	854.7	1184.3	2.147	542.2	493.	761.9
220	2	0.699	-2.47	295.4	855.5	1186.3	2.154	542.2	493.	761.9
220	3	0.699	-1.47	295.3	856.4	1187.3	2.153	542.2	493.	761.9
220	4	0.700	-0.97	294.6	858.3	1188.3	2.161	542.2	492.	761.9
220	5	0.700	-0.50	294.7	858.0	1190.0	2.162	542.2	492.	761.9
220	6	0.700	-0.02	294.9	860.1	1192.5	2.167	542.2	492.	761.9
220	7	0.700	0.45	295.4	861.6	1195.0	2.169	542.2	492.	761.9
220	8	0.700	3.56	284.3	878.0	1196.0	2.134	542.2	492.	761.9

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M_c	α	q	P	H	$N_R \times 10^{-6}$	T_o	T	V
220	9	0.699	3.49	297.2	867.1	1202.5	2.177	542.	493.	762.0
221	4	0.901	-4.44	407.3	716.8	1213.1	2.502	541.	465.	953.0
221	5	0.899	-2.33	406.8	718.0	1214.6	2.497	542.	466.	951.8
221	6	0.900	-1.36	407.9	718.3	1215.3	2.495	543.	467.	954.3
221	7	0.901	-0.85	408.2	719.0	1216.3	2.490	544.	468.	955.3
221	8	0.901	-0.36	409.0	719.5	1218.0	2.486	545.	468.	956.6
221	9	0.902	0.13	409.7	721.0	1219.5	2.481	546.	469.	957.9
221	10	0.900	0.62	409.6	720.7	1220.7	2.481	547.	470.	957.8
221	11	0.901	1.63	410.1	719.9	1221.1	2.473	547.	470.	958.5
221	12	0.901	3.63	409.4	719.9	1221.9	2.473	548.	471.	959.1
222	1	0.901	-4.32	412.0	723.6	1226.9	2.476	550.	473.	961.7
222	2	0.901	-2.39	413.8	728.0	1232.9	2.484	550.	473.	960.6
222	3	0.901	-1.43	415.5	732.6	1240.6	2.518	550.	473.	960.7
222	4	0.901	-0.86	418.8	736.5	1247.7	2.529	551.	474.	960.2
222	5	0.899	-0.40	421.3	745.4	1255.2	2.541	551.	474.	961.5
222	6	0.900	0.13	423.5	748.9	1267.1	2.551	551.	474.	961.5
222	7	0.901	0.61	425.4	749.5	1267.8	2.553	551.	474.	960.8
222	8	0.900	1.71	425.9	750.5	1269.9	2.556	551.	474.	960.8
222	9	0.900	3.56	425.9	750.5	1269.9	2.556	551.	474.	960.8
223	1	0.901	-4.30	404.4	710.6	1204.1	2.417	523.	474.	962.3
223	2	0.901	-2.42	405.5	715.9	1211.3	2.427	523.	475.	963.6
223	3	0.900	-1.49	409.5	721.3	1220.0	2.457	523.	475.	962.3
223	4	0.901	-0.89	411.6	723.3	1226.8	2.483	523.	475.	963.4
223	5	0.901	-0.40	415.3	731.0	1238.8	2.494	523.	475.	963.5
223	6	0.899	0.13	419.1	737.4	1245.3	2.502	523.	475.	961.6
223	7	0.898	0.60	421.9	742.3	1253.8	2.514	523.	475.	963.3
223	8	0.900	1.58	421.2	743.3	1257.8	2.514	523.	476.	963.3
223	9	0.899	3.62	421.2	728.3	1253.0	2.458	523.	476.	962.3
224	1	0.901	-4.37	413.1	726.3	1230.9	2.454	555.	477.	965.3
224	2	0.901	-2.39	417.3	735.0	1242.4	2.479	555.	477.	965.7
224	3	0.881	-1.44	411.0	711.3	1252.4	2.476	555.	480.	945.2
224	4	0.901	-0.86	406.8	711.3	1250.4	2.396	555.	478.	965.9
224	5	0.898	0.40	406.2	719.0	1253.6	2.421	555.	477.	962.7
224	6	0.900	0.14	411.5	724.0	1255.7	2.470	555.	477.	964.4
224	7	0.900	0.64	415.8	732.9	1258.7	2.494	555.	477.	965.3
224	8	0.901	1.67	419.8	737.3	1258.0	2.511	555.	477.	965.1
224	9	0.901	3.58	422.6	743.3	1258.8	2.511	555.	477.	965.1
225	4	0.999	-4.31	456.0	652.0	1233.7	2.602	546.	455.	1045.1

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _c	α	q	P	H	N _R × 10 ⁻⁶	T _o	T	V
55	5	1.001	-2.24	457.3	651.5	1235.6	3.601	547.7	53.5	1047.5
22	6	1.000	-1.75	458.1	653.4	1238.1	2.600	548.0	53.6	1048.0
22	7	1.001	-0.26	458.4	653.4	1238.6	2.601	548.1	53.6	1048.3
22	8	1.001	0.74	457.8	652.9	1238.2	2.595	549.0	53.7	1049.5
22	9	1.002	0.80	459.0	651.3	1237.6	2.590	549.0	53.7	1050.5
22	10	0.998	1.80	456.9	655.3	1235.5	2.583	549.0	53.8	1050.5
22	11	1.001	-0.50	455.5	649.0	1235.0	2.571	550.0	53.8	1050.1
22	12	1.001	-4.11	454.7	648.8	1234.9	2.568	550.0	53.8	1050.0
22	13	1.001	-2.17	454.7	646.3	1237.0	2.565	550.0	53.8	1051.0
22	14	1.002	-1.68	453.5	645.9	1234.4	2.559	551.0	53.9	1051.0
22	15	1.000	-0.21	453.0	645.0	1232.3	2.549	551.0	53.9	1051.0
22	16	1.000	0.71	452.7	646.1	1232.0	2.546	551.0	53.9	1051.0
22	17	1.001	1.81	451.4	643.3	1231.9	2.543	551.0	53.9	1051.0
22	18	1.000	-3.81	451.1	643.3	1231.9	2.543	551.0	53.9	1051.0
22	19	1.000	-4.20	449.8	635.2	1230.8	2.540	551.0	53.9	1051.0
22	20	0.999	-2.30	445.4	635.7	1230.8	2.535	551.0	53.9	1051.0
22	21	1.001	-1.28	447.8	639.3	1231.1	2.537	551.0	53.9	1051.0
22	22	1.001	-0.78	449.3	643.5	1231.9	2.539	551.0	53.9	1051.0
22	23	0.998	-0.28	450.6	645.1	1232.5	2.545	551.0	53.9	1051.0
22	24	1.001	1.69	445.3	647.6	1232.8	2.546	551.0	53.9	1051.0
22	25	1.002	3.69	445.3	646.1	1232.8	2.546	551.0	53.9	1051.0
22	26	1.000	-1.56	445.3	646.1	1232.8	2.546	551.0	53.9	1051.0
22	27	1.001	-2.26	449.7	635.1	1235.5	2.547	551.0	53.9	1051.0
22	28	1.001	-1.24	449.5	644.5	1235.5	2.547	551.0	53.9	1051.0
22	29	1.000	-0.79	445.5	649.7	1237.1	2.549	551.0	53.9	1051.0
22	30	1.000	-0.20	446.1	651.8	1237.4	2.549	551.0	53.9	1051.0
22	31	1.001	0.81	447.0	669.0	1237.9	2.549	551.0	53.9	1051.0
22	32	1.001	1.79	443.5	674.6	1238.5	2.549	551.0	53.9	1051.0
22	33	1.003	3.78	443.5	674.6	1238.5	2.549	551.0	53.9	1051.0
22	34	1.000	-4.18	442.6	637.8	1236.5	2.549	551.0	53.9	1051.0
22	35	0.998	-2.25	445.5	637.8	1236.5	2.549	551.0	53.9	1051.0
22	36	1.001	-1.25	443.9	640.3	1234.4	2.549	551.0	53.9	1051.0

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _c	α	q	P	H	N _R × 10 ⁻⁶	T _o	T	V
22222222	456789	1.0001 1.0099 1.0001 1.0001 1.0001	-0.735 -0.221 0.076 0.175 3.770	452.8 456.3 460.3 464.2 470.2	645.2 651.7 658.4 661.6 670.3	122.2 123.4 124.5 125.4 127.0	2.531 2.553 2.577 2.596 2.624	554. 554. 554. 554. 555.	461. 461. 461. 464. 462.	1053. 1054. 1053. 1053. 1054.
22222222	23456789	1.2001 1.2001 1.2001 1.2001 1.2001 1.2001 1.2001 1.2001	-4.17 -2.18 -1.12 -0.17 -0.19 0.35 0.84 3.80	526. 535. 539. 543. 547. 553. 558. 562.	519.9 529.1 533.7 537.6 540.8 546.5 551.5 553.2	126.5 128.6 129.7 130.6 131.9 132.2 135.9 139.9	2.695 2.732 2.749 2.769 2.789 2.814 2.834 2.854	554. 555. 555. 556. 556. 557. 558. 561.	429. 430. 431. 431. 432. 432. 433. 434.	1222. 1222. 1222. 1222. 1222. 1222. 1222. 1222.
22222222	13456789	1.2001 1.2001 1.2001 1.2001 1.2001 1.2001 1.2001 1.2001	-4.18 -2.31 -1.25 -0.71 -0.22 0.07 0.71 1.74	536. 546. 550. 555. 560. 563. 569. 574.	523.9 533.3 543.9 554.6 565.3 576.0 587.0 598.5	128.9 131.2 132.1 133.4 134.6 135.7 137.2 139.4	2.694 2.762 2.762 2.762 2.762 2.762 2.762 2.762	562. 562. 562. 563. 563. 563. 563. 563.	435. 435. 435. 435. 435. 435. 435. 435.	1222. 1222. 1222. 1222. 1222. 1222. 1222. 1222.
22222222	123456789	1.2001 1.2001 1.2001 1.2001 1.2001 1.2001 1.2001 1.2001	-4.17 -2.27 -1.07 -0.27 0.02 0.78 1.79 3.72	532. 536. 539. 541. 544. 546. 549. 551.	526.6 531.8 537.4 542.9 548.0 553.9 559.4 564.6	128.1 128.8 129.5 130.7 131.3 132.0 132.5 133.1	2.663 2.693 2.693 2.693 2.693 2.693 2.693 2.693	564. 564. 564. 565. 565. 565. 565. 566.	437. 437. 437. 438. 438. 438. 438. 438.	1222. 1222. 1222. 1222. 1222. 1222. 1222. 1222.
22222222	123456	1.2001 1.2001 1.2001 1.2001 1.2001 1.2001	-4.23 -2.21 -1.07 -0.27 0.02 0.78	543. 543. 543. 543. 543. 543.	537.4 537.8 538.6 539.3 540.5 541.3	130.7 130.6 130.5 130.5 130.4 130.4	2.700 2.690 2.697 2.696 2.695 2.695	567. 567. 567. 567. 567. 567.	439. 439. 439. 439. 439. 439.	1222. 1222. 1222. 1222. 1222. 1222.

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _c	α	q	P	H	N _R x 10 ⁻⁶	T _o	T	V
2332	7	1.200	0.73	541.8	537.1	1303.3	2.691	567.	440.	1234.2
2333	8	1.199	1.79	541.5	537.4	1302.8	2.683	568.	441.	1234.3
2334	9	1.202	3.69	541.8	534.9	1302.1	2.682	568.	440.	1237.3
2344	4	1.203	-4.29	539.4	531.6	1295.8	2.714	561.	434.	1230.5
2345	5	1.203	-2.15	539.9	532.2	1297.3	2.710	562.	435.	1231.0
2346	7	1.202	-1.28	540.1	533.6	1298.0	2.705	563.	436.	1231.5
2347	8	1.203	-0.67	541.0	533.6	1300.3	2.706	564.	437.	1232.9
2348	9	1.203	-0.18	541.4	534.7	1301.5	2.702	565.	438.	1234.5
2349	10	1.202	0.31	542.2	534.0	1302.3	2.704	565.	438.	1235.2
2350	11	1.201	0.83	543.7	536.7	1303.4	2.706	565.	439.	1235.5
2351	12	1.202	3.79	543.4	536.7	1306.0	2.705	566.	439.	1235.0
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TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M_c	α	q	p	H	$N_R \times 10^{-6}$	T_o	T	V
237	10	0.400	3.47	112.1	997.6	1114.3	1.281	556.	538.	455.8
238	1	0.399	-4.61	109.2	976.9	1090.6	1.251	556.	538.	454.7
238	2	0.399	-2.70	110.3	988.6	1103.8	1.265	556.	538.	454.8
238	3	0.400	-1.68	110.3	995.2	1116.6	1.283	556.	538.	455.0
238	4	0.396	-1.22	106.8	969.6	1080.3	1.225	557.	539.	451.8
238	5	0.399	-1.06	110.1	983.7	1098.3	1.254	558.	540.	451.8
238	6	0.395	-0.26	105.5	961.4	1071.1	1.238	558.	540.	450.6
238	7	0.399	-0.18	108.5	972.7	1085.5	1.249	558.	540.	450.2
238	8	0.399	0.33	109.5	980.6	1094.5	1.263	558.	540.	450.2
238	9	0.400	1.33	110.9	989.0	1104.5	1.263	558.	540.	450.2
238	10	0.400	3.31	110.9	989.0	1104.5	1.263	558.	540.	450.2
400	4	1.200	-4.16	515.7	510.4	1240.3	6.41	554.	429.	1220.4
400	5	1.201	-2.26	515.8	511.1	1241.6	6.36	555.	430.	1220.4
400	6	1.178	-1.16	516.2	527.7	1242.4	6.39	555.	430.	1220.4
400	7	1.173	-0.77	513.3	521.6	1244.5	6.36	556.	430.	1220.4
400	8	1.200	-0.22	513.3	528.0	1245.7	6.31	556.	430.	1220.4
400	9	1.202	0.68	518.6	514.3	1249.7	6.32	558.	432.	1220.4
400	10	1.200	1.68	519.7	513.0	1249.9	6.32	559.	432.	1220.4
400	11	1.200	3.71	519.7	523.9	1251.3	6.32	559.	432.	1220.4
400	12	1.204	-0.25	521.9	521.4	1253.8	6.32	560.	432.	1220.4
400	13	1.204	-0.25	521.9	521.4	1253.8	6.32	560.	432.	1220.4
411	1	1.203	-4.19	532.7	528.0	1280.6	6.65	564.	437.	1233.5
411	2	1.203	-2.17	537.3	529.3	1291.4	6.85	564.	437.	1233.5
411	3	1.181	-1.73	541.0	533.6	1300.6	7.03	564.	437.	1233.5
411	4	1.204	-1.00	549.0	540.8	1318.3	7.36	565.	437.	1233.5
411	5	1.201	-0.23	544.9	548.0	1332.4	7.64	565.	437.	1233.5
411	6	1.202	0.80	557.2	550.1	1340.3	7.81	565.	437.	1233.5
411	7	1.204	1.80	561.6	556.6	1348.6	8.07	566.	437.	1233.5
411	8	1.203	3.84	564.6	556.6	1355.6	8.07	566.	437.	1233.5
422	4	1.202	-4.29	521.0	509.1	1249.6	6.23	560.	435.	1233.5
422	5	1.202	-2.18	528.0	518.1	1260.8	6.40	561.	435.	1233.5
422	6	1.202	-1.00	535.6	525.9	1278.8	6.51	562.	435.	1233.5
422	7	1.202	-0.22	539.3	532.2	1289.6	6.80	563.	435.	1233.5
422	8	1.203	0.86	543.9	539.8	1296.6	7.02	563.	435.	1233.5
422	9	1.182	1.78	545.4	542.2	1303.1	7.29	564.	435.	1233.5
422	10	1.182	3.78	545.4	542.2	1303.1	7.29	564.	435.	1233.5
422	11	1.182	5.78	545.4	542.2	1303.1	7.29	564.	435.	1233.5
422	12	1.182	7.78	545.4	542.2	1303.1	7.29	564.	435.	1233.5

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M_c	α	q	p	H	$N_R \times 10^{-6}$	T_o	T	V
242	1	1.002	4.21	464.6	663.3	1262.5	2.544	563.3	468.	1063.3
243	2	1.004	-4.21	465.5	667.1	1262.5	2.561	563.3	469.	1065.0
244	3	1.005	-1.573	468.6	670.6	1267.5	2.580	563.3	469.	1066.0
245	4	1.005	-0.223	461.8	670.6	1267.5	2.525	563.3	468.	1064.6
246	5	1.005	-0.223	464.4	670.6	1267.5	2.540	563.3	468.	1065.0
247	6	1.001	0.773	465.4	670.6	1267.5	2.547	563.3	469.	1065.0
248	7	1.002	1.660	469.7	670.6	1267.5	2.573	563.3	469.	1066.2
249	8	1.000	3.660	470.7	670.6	1267.5	2.573	563.3	469.	1066.2
244	1	1.001	4.23	453.4	663.3	1243.7	2.504	564.4	469.	1065.0
244	2	1.001	-4.23	460.1	663.3	1244.4	2.513	564.4	469.	1065.0
244	3	1.002	-1.268	460.7	663.3	1244.4	2.517	564.4	469.	1065.0
244	4	1.000	-0.786	461.2	663.3	1244.4	2.526	564.4	469.	1065.0
244	5	1.000	-0.235	462.8	663.3	1244.4	2.530	564.4	469.	1065.0
244	6	1.000	-0.235	463.9	663.3	1244.4	2.537	564.4	469.	1065.0
244	7	1.000	1.776	463.8	663.3	1244.4	2.537	564.4	469.	1065.0
244	8	1.001	3.776	465.3	663.3	1244.4	2.543	564.4	469.	1065.0
245	4	1.000	4.21	458.1	663.3	1238.0	2.519	562.3	468.	1060.9
245	5	1.001	-4.21	459.7	663.3	1240.0	2.519	562.3	468.	1062.1
245	6	1.000	-1.535	458.5	663.3	1240.0	2.517	562.3	469.	1061.3
245	7	1.000	-0.657	459.5	663.3	1240.0	2.519	562.3	469.	1062.2
245	8	1.000	-0.227	460.7	663.3	1240.0	2.519	562.3	469.	1062.2
245	9	1.000	-0.227	461.3	663.3	1240.0	2.519	562.3	469.	1062.2
245	10	1.000	1.660	461.3	663.3	1240.0	2.519	562.3	469.	1062.2
245	11	1.001	3.660	461.3	663.3	1240.0	2.519	562.3	469.	1062.2
245	12	1.001	1.775	461.3	663.3	1240.0	2.519	562.3	469.	1062.2
245	13	1.001	-0.331	457.0	663.3	1233.7	2.500	562.3	470.	1061.3
245	14	1.000	-0.331	457.0	663.3	1233.7	2.500	562.3	470.	1061.3
246	1	0.901	3.553	411.3	723.0	1221.6	2.469	567.7	486.	975.0
246	2	0.902	-3.553	410.8	723.0	1221.6	2.469	567.7	487.	975.0
246	3	0.901	-1.590	405.8	723.0	1221.6	2.469	567.7	487.	975.0
246	4	0.901	-0.441	406.0	723.0	1221.6	2.469	567.7	487.	975.0
246	5	0.901	0.441	405.8	723.0	1221.6	2.469	567.7	487.	975.0
246	6	0.901	1.590	405.8	723.0	1221.6	2.469	567.7	487.	975.0
246	7	0.901	3.553	407.2	723.0	1221.6	2.469	567.7	487.	975.0
246	8	0.901	1.590	407.2	723.0	1221.6	2.469	567.7	487.	975.0
246	9	0.901	-0.441	407.2	723.0	1221.6	2.469	567.7	487.	975.0
246	10	0.901	-3.553	407.2	723.0	1221.6	2.469	567.7	487.	975.0

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _c	α	q	P	H	N _R × 10 ⁻⁶	T _o	T	V
247	1	0.902	4.38	416.5	727.4	1233.3	382	569.	489.	978.0
247	2	0.902	-4.38	416.5	730.2	1238.7	391	569.	489.	977.0
247	3	0.901	-1.367	417.1	735.6	1247.2	409	569.	489.	977.0
247	4	0.901	-0.409	419.5	738.6	1251.8	417	569.	489.	977.0
247	5	0.901	0.409	420.5	725.0	1229.0	375	569.	489.	977.0
247	6	0.902	0.609	415.5	728.0	1236.3	382	570.	490.	977.0
247	7	0.900	1.633	416.7	734.0	1242.3	400	570.	490.	977.0
247	8	0.901	5.53	418.4	735.7	1246.2	400	570.	490.	977.0
247	9	0.901	5.53	418.4	735.7	1246.2	400	570.	490.	977.0
248	1	0.901	4.37	415.7	723.5	1225.9	361	570.	490.	978.0
248	2	0.902	-4.37	415.7	729.1	1236.6	384	570.	490.	979.0
248	3	0.901	-1.367	419.5	736.1	1247.7	403	570.	490.	978.0
248	4	0.901	-0.409	423.9	747.0	1261.1	429	571.	491.	979.0
248	5	0.901	0.409	419.5	737.0	1249.1	401	571.	491.	979.0
248	6	0.901	0.609	423.9	747.0	1261.1	429	572.	492.	979.0
248	7	0.901	1.633	418.4	736.7	1247.7	390	572.	492.	979.0
248	8	0.901	5.57	423.4	743.7	1260.3	417	572.	491.	980.0
249	1	0.700	4.38	287.3	829.8	1151.3	962	568.	517.	780.0
249	2	0.701	-4.38	287.3	835.5	1158.3	976	568.	517.	782.0
249	3	0.700	-1.367	288.0	839.7	1165.3	989	568.	517.	781.0
249	4	0.701	-0.409	290.5	843.0	1171.3	995	567.	516.	781.0
249	5	0.701	0.409	294.3	848.9	1186.3	959	566.	515.	779.0
249	6	0.699	0.609	295.3	861.1	1194.6	999	565.	514.	777.0
249	7	0.701	1.648	291.2	845.2	1174.0	917	565.	514.	779.0
249	8	0.701	5.57	287.3	845.2	1174.0	917	565.	514.	779.0
250	1	0.701	4.38	284.2	824.0	1145.7	968	565.	514.	779.0
250	2	0.701	-4.38	284.2	826.7	1147.4	971	565.	514.	779.0
250	3	0.701	-1.367	284.2	827.3	1148.9	973	565.	514.	779.0
250	4	0.701	-0.409	285.4	828.0	1150.7	977	565.	514.	779.0
250	5	0.701	0.409	286.1	830.9	1152.4	981	565.	514.	779.0
250	6	0.699	0.609	286.1	833.5	1156.0	988	565.	514.	779.0
250	7	0.701	1.647	287.3	834.2	1157.7	990	565.	514.	779.0
250	8	0.701	5.57	287.3	834.2	1157.7	990	565.	514.	779.0
251	1	0.701	4.37	288.2	836.0	1161.6	900	564.	513.	779.0
251	2	0.681	-4.37	276.7	851.4	1162.1	961	565.	516.	759.0
251	3	0.681	-1.35	276.7	851.4	1162.2	961	565.	517.	759.0

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M_c	α	q	P	H	$N_R \times 10^{-6}$	T_o	T	V
251	4	0.681	-1.08	276.9	852.9	1163.8	1.9622	565.	516.	758.3
251	5	0.680	-0.54	277.7	852.7	1164.3	1.9652	565.	516.	760.0
251	6	0.682	-0.03	277.2	852.3	1164.3	1.9652	565.	514.	760.2
251	7	0.701	0.47	289.7	838.0	1165.0	2.0011	565.	514.	779.5
251	8	0.701	1.50	288.7	839.3	1165.7	2.0023	565.	514.	779.5
251	9	0.701	3.38	289.0	839.8	1166.2	2.0003	565.	514.	779.5
251	10	0.701	-0.56	289.1	839.8	1166.2	2.0003	565.	514.	779.5
253	3	0.700	4.56	284.9	829.4	1151.0	2.0177	556.	506.	772.8
253	4	0.699	-2.57	290.4	847.2	1175.0	2.0389	556.	506.	771.3
253	5	0.700	-1.62	295.0	859.0	1192.5	2.0895	556.	506.	772.3
253	6	0.700	-1.03	285.3	831.0	1153.1	2.0144	557.	507.	773.0
253	7	0.697	-0.55	288.4	847.1	1172.4	2.0443	557.	507.	770.9
253	8	0.700	-0.38	295.7	860.5	1194.6	2.0933	558.	508.	773.3
253	9	0.680	0.48	276.5	858.9	1163.3	1.9799	558.	508.	773.3
253	10	0.700	1.48	295.1	858.9	1192.1	2.0799	558.	508.	773.3
253	11	0.699	3.33	289.8	846.8	1173.9	2.0445	558.	508.	772.6
254	1	0.901	4.37	402.4	707.8	1198.7	3.3411	564.	485.	972.8
254	2	0.900	-2.41	409.3	720.6	1219.3	3.3821	564.	485.	972.3
254	3	0.901	-1.42	419.0	736.0	1247.3	3.3517	565.	485.	974.5
254	4	0.900	-0.87	407.8	718.5	1215.5	3.3333	567.	487.	975.0
254	5	0.900	-0.42	414.1	730.9	1234.8	3.3934	567.	487.	975.2
254	6	0.901	0.05	420.9	739.9	1252.4	3.4200	568.	488.	976.1
254	7	0.881	0.55	397.9	750.8	1228.0	3.3711	569.	489.	959.4
254	8	0.901	1.61	412.3	734.6	1246.0	3.3711	569.	489.	977.2
254	9	0.900	3.58	417.8	736.6	1246.0	3.3711	569.	489.	977.2
255	1	0.999	-0.31	443.3	633.9	1199.3	2.390	570.	475.	1067.7
256	1	1.000	4.24	441.6	629.7	1193.3	2.379	570.	474.	1068.8
256	2	0.981	-2.33	446.0	636.1	1205.3	2.4033	570.	474.	1068.8
256	3	1.002	-1.27	443.0	656.8	1217.1	2.4133	570.	474.	1068.8
256	4	0.998	-0.77	455.3	647.8	1229.4	2.4526	571.	474.	1070.0
256	5	1.001	0.20	458.3	659.0	1240.3	2.489	571.	475.	1070.0
256	6	0.999	0.72	465.1	665.2	1259.1	2.5042	571.	475.	1070.0
256	7	1.001	1.67	469.3	668.7	1267.4	2.5237	571.	475.	1070.0
256	8	1.000	3.67	471.1	673.4	1275.6	2.537	571.	475.	1070.0
257	1	1.002	-4.23	443.4	630.1	1196.4	2.403	567.	472.	1067.7
257	2	0.999	-2.33	447.2	638.5	1209.1	2.421	568.	473.	1066.5
257	3	1.000	-1.33	449.4	642.8	1215.9	2.434	568.	473.	1065.7

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _C	α	q	p	H	N _R × 10 ⁻⁶	T _o	T	V
577	4	0.999	-0.736	1.454	0.546	0.224	3.22	569.	73.	0.24
577	5	1.001	-0.203	5.67	1.65	0.22	3.22	569.	73.	0.24
577	6	1.000	0.073	4.60	1.55	0.22	3.22	569.	74.	0.24
577	7	1.001	1.66	4.62	1.55	0.22	3.22	570.	74.	0.24
577	8	1.000	3.66	4.62	1.55	0.22	3.22	570.	74.	0.24
577	9	1.000	3.66	4.62	1.55	0.22	3.22	570.	74.	0.24
578	1	1.000	-4.12	4.55	1.64	0.26	4.44	570.	74.	0.66
578	2	1.000	-2.37	4.55	1.64	0.26	4.44	570.	74.	0.66
578	3	1.000	-1.02	4.55	1.64	0.26	4.44	570.	74.	0.66
578	4	1.001	-0.21	4.57	1.64	0.26	4.44	570.	74.	0.66
578	5	1.000	0.47	4.58	1.64	0.26	4.44	571.	75.	0.66
578	6	1.000	1.73	4.58	1.64	0.26	4.44	571.	75.	0.66
578	7	1.000	3.76	4.58	1.64	0.26	4.44	571.	75.	0.66
578	8	1.001	5.63	4.58	1.64	0.26	4.44	571.	75.	0.66
578	9	1.000	9.69	4.58	1.64	0.26	4.44	571.	75.	0.66
578	10	1.001	11.67	4.58	1.64	0.26	4.44	571.	75.	0.66
578	11	1.000	11.67	4.58	1.64	0.26	4.44	571.	75.	0.66
578	12	1.001	11.67	4.58	1.64	0.26	4.44	571.	75.	0.66
578	13	1.000	11.67	4.58	1.64	0.26	4.44	571.	75.	0.66
578	14	1.001	11.67	4.58	1.64	0.26	4.44	571.	75.	0.66
579	2	1.000	-4.22	4.48	1.63	0.10	5.12	570.	74.	0.66
579	3	1.000	-2.31	4.47	1.63	0.10	5.12	570.	74.	0.66
579	4	1.000	-1.02	4.46	1.63	0.10	5.12	570.	74.	0.66
579	5	1.001	-0.22	4.46	1.63	0.10	5.12	570.	74.	0.66
579	6	1.000	0.76	4.45	1.63	0.10	5.12	570.	74.	0.66
579	7	1.000	1.76	4.45	1.63	0.10	5.12	570.	74.	0.66
579	8	1.001	3.76	4.45	1.63	0.10	5.12	570.	74.	0.66
579	9	1.000	5.63	4.45	1.63	0.10	5.12	570.	74.	0.66
579	10	1.000	9.69	4.45	1.63	0.10	5.12	570.	74.	0.66
579	11	1.001	11.67	4.45	1.63	0.10	5.12	570.	74.	0.66
579	12	1.000	11.67	4.45	1.63	0.10	5.12	570.	74.	0.66
579	13	1.001	11.67	4.45	1.63	0.10	5.12	570.	74.	0.66
579	14	1.000	11.67	4.45	1.63	0.10	5.12	570.	74.	0.66
580	4	1.000	-0.42	3.44	2.34	0.70	6.99	566.	80.	0.22
580	5	1.000	-2.11	3.44	2.34	0.70	6.99	566.	80.	0.22
580	6	1.000	-1.27	3.44	2.34	0.70	6.99	567.	80.	0.22
580	7	1.000	-0.10	3.44	2.34	0.70	6.99	567.	80.	0.22
580	8	1.001	0.12	3.44	2.34	0.70	6.99	567.	80.	0.22
580	9	1.000	0.12	3.44	2.34	0.70	6.99	567.	80.	0.22
580	10	1.000	0.12	3.44	2.34	0.70	6.99	567.	80.	0.22
580	11	1.000	0.12	3.44	2.34	0.70	6.99	567.	80.	0.22

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _c	α	q	P	H	N _R × 10 ⁻⁶	T _o	T	V
261	1	202	4.2	3.8	5.4	12.7	2.6	70.	4.4	3.0
261	2	201	-2.3	3.9	5.5	13.0	6.1	71.	4.4	3.0
261	3	202	-1.7	4.8	5.3	13.0	6.6	71.	4.4	3.0
261	4	203	-0.7	5.1	5.4	13.1	6.9	71.	4.4	3.0
261	5	202	0.2	5.2	5.5	13.2	7.3	71.	4.4	3.0
261	6	202	0.7	5.5	5.4	13.3	7.4	71.	4.4	3.0
261	7	202	1.4	5.9	5.5	13.4	7.6	71.	4.4	3.0
261	8	203	1.7	6.2	5.5	13.5	7.7	72.	4.4	3.0
261	9	203	3.6	7.1	5.4	13.2	7.0	72.	4.4	3.0
262	4	201	4.1	1.9	5.1	12.5	6.2	59.	4.4	3.0
262	5	202	1.9	2.4	5.6	12.6	6.3	60.	4.4	3.0
262	6	202	-1.2	2.5	5.7	12.6	6.4	61.	4.4	3.0
262	7	201	-0.7	2.7	5.7	12.7	6.5	63.	4.4	3.0
262	8	203	-0.1	3.0	5.6	12.7	6.5	63.	4.4	3.0
262	9	203	0.2	3.4	5.9	12.8	6.7	64.	4.4	3.0
262	0	201	0.5	3.6	6.2	12.7	6.5	64.	4.4	3.0
262	1	201	1.8	4.0	6.8	12.8	6.7	64.	4.4	3.0
262	2	201	2.6	4.6	7.0	12.9	6.9	65.	4.4	3.0
262	3	204	3.7	5.0	7.1	13.0	7.0	65.	4.4	3.0
262	4	204	5.7	6.0	7.4	13.0	7.0	65.	4.4	3.0
262	5	204	7.8	8.0	7.7	13.0	7.0	65.	4.4	3.0
262	6	204	9.8	10.0	7.7	13.0	7.0	65.	4.4	3.0
262	7	204	11.7	12.4	7.7	13.0	7.0	65.	4.4	3.0
262	8	204	11.7	12.4	7.7	13.0	7.0	65.	4.4	3.0
262	9	204	11.7	12.4	7.7	13.0	7.0	65.	4.4	3.0
263	1	203	4.1	3.8	5.4	12.8	6.6	66.	4.4	3.0
263	2	203	-2.3	3.9	5.5	12.8	6.6	66.	4.4	3.0
263	3	203	-1.7	4.8	5.3	12.8	6.6	66.	4.4	3.0
263	4	203	-0.7	5.1	5.4	12.8	6.6	66.	4.4	3.0
263	5	203	0.2	5.2	5.5	12.8	6.6	66.	4.4	3.0
263	6	203	0.7	5.5	5.4	12.8	6.6	66.	4.4	3.0
263	7	203	1.4	5.9	5.5	12.8	6.6	66.	4.4	3.0
263	8	203	1.7	6.2	5.5	12.8	6.6	66.	4.4	3.0
263	9	203	3.6	7.1	5.4	12.8	6.6	66.	4.4	3.0
264	1	203	4.1	3.8	5.4	12.9	6.7	67.	4.4	3.0
264	2	203	-2.3	3.9	5.5	12.9	6.7	67.	4.4	3.0
264	3	203	-1.7	4.8	5.3	12.9	6.7	67.	4.4	3.0
264	4	203	-0.7	5.1	5.4	12.9	6.7	67.	4.4	3.0
264	5	203	0.2	5.2	5.5	12.9	6.7	67.	4.4	3.0
264	6	203	0.7	5.5	5.4	12.9	6.7	67.	4.4	3.0
264	7	203	1.4	5.9	5.5	12.9	6.7	67.	4.4	3.0
264	8	203	1.7	6.2	5.5	12.9	6.7	67.	4.4	3.0
264	9	203	3.6	7.1	5.4	12.9	6.7	67.	4.4	3.0

TABLE II
TUNNEL OPERATING CONDITIONS

Run Pt	M _c	α	q	P	H	N _R x 10 ⁻⁶	T ₀	T	V
264	1:203	90	541:8	355:2	0	680	568:	440:	36:9
264	1:205	3:83	542:6	533:4	101:9	681	568:	440:	36:9
264	1:204	5:77	542:8	533:4	1302:7	683	568:	440:	36:9
264	1:204	9:73	542:8	533:4	1303:9	686	568:	440:	36:9
264	1:203	11:20	543:7	535:6	1303:6	689	569:	441:	36:9
264	1:202	-0:	543:7	536:7	1306:7	685	569:	441:	36:9
265	1:002	4:	459:3	659:8	24	503	565:	470:	1065:5
265	1:002	17:30	456:7	649:7	393:4	509	565:	470:	1065:5
265	1:004	-1:0:	457:4	649:7	190:2	509	565:	469:	1065:5
265	1:003	-0:	458:1	649:7	344:5	509	565:	469:	1065:5
265	1:000	0:21	458:6	652:0	353:5	509	564:	469:	1065:5
265	1:002	0:77	458:2	655:1	1237:7	503	564:	469:	1065:5
265	1:001	0:69	458:2	655:1	353:5	503	564:	469:	1065:5
265	1:001	1:78	458:2	655:1	353:5	503	564:	469:	1065:5
265	1:001	2:73	458:2	655:1	353:5	503	564:	469:	1065:5
265	1:002	3:76	458:2	655:1	353:5	503	564:	469:	1065:5
265	1:000	11:28	459:7	655:1	353:5	503	564:	469:	1065:5
265	1:003	-0:	459:7	655:1	353:5	503	564:	469:	1065:5
266	0:901	3:39	409:6	720:6	4	3729	566:	486:	974:4
266	0:901	4:59	409:2	718:4	1220:4	3729	566:	486:	974:4
266	0:901	10:32	408:8	716:5	1216:5	3729	566:	486:	974:4
266	0:900	-0:	406:8	716:5	1216:5	3729	566:	486:	974:4
266	0:900	0:39	408:8	716:5	1216:5	3729	566:	486:	974:4
266	0:900	12:56	409:5	716:5	1216:5	3729	566:	486:	974:4
266	0:901	3:58	408:8	716:5	1216:5	3729	566:	486:	974:4
266	0:901	4:59	408:8	716:5	1216:5	3729	566:	486:	974:4
266	0:901	7:57	408:8	716:5	1216:5	3729	566:	486:	974:4
266	0:901	11:28	408:8	716:5	1216:5	3729	566:	486:	974:4
267	0:901	-4:28	403:9	709:5	1202:5	3729	566:	486:	974:4
267	0:901	-2:35	403:9	715:4	1211:5	3729	566:	486:	974:4

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _c	α	q	p	H	N _R x 10 ⁻⁶	T _o	T	γ
267	3	0.901	-1.48	409.6	719.6	1219.5	2.365	567.	487.	976.0
267	4	0.901	-1.039	412.7	724.2	1227.5	2.387	566.	486.	975.4
267	5	0.901	-0.40	414.5	729.5	1235.2	2.401	566.	486.	974.8
267	6	0.901	0.38	418.7	735.5	1246.2	2.417	567.	487.	975.9
267	7	0.901	1.53	431.7	720.9	1255.0	2.456	567.	487.	975.3
267	8	0.901	3.54	412.6	727.0	1230.2	2.385	567.	487.	974.8
268	1	0.901	-4.35	409.1	719.6	1218.6	2.363	567.	487.	975.4
268	2	0.901	-2.41	410.2	722.6	1227.1	2.374	567.	487.	975.7
268	3	0.901	-1.35	413.5	724.8	1235.9	2.381	567.	487.	975.8
268	4	0.901	-0.40	414.6	730.9	1235.9	2.396	567.	487.	975.9
268	5	0.901	0.11	416.3	731.2	1247.3	2.405	567.	487.	975.6
268	6	0.900	0.61	418.3	735.2	1251.9	2.418	567.	487.	974.7
268	7	0.879	1.25	409.8	737.0	1251.9	2.404	567.	491.	955.3
268	8	0.900	3.58	407.5	756.2	1219.6	2.356	567.	487.	974.5
268	9	0.901	7.54	409.3	720.2	1223.8	2.372	567.	487.	974.7
268	10	0.901	9.53	410.2	726.5	1228.4	2.382	567.	487.	974.7
268	11	0.900	11.61	414.1	729.5	1234.1	2.394	567.	487.	975.0
268	12	0.900	-4.31	404.1	713.9	1206.9	2.338	567.	488.	973.6
268	13	0.899	-2.41	405.6	712.3	1207.6	2.343	567.	487.	975.3
268	14	0.901	-1.40	406.5	714.3	1209.1	2.346	567.	487.	975.4
269	1	0.901	-0.92	397.3	730.1	1211.2	2.352	567.	490.	957.1
269	2	0.881	-0.38	398.1	731.0	1212.9	2.353	567.	487.	976.1
269	3	0.829	0.06	406.7	731.5	1213.5	2.352	567.	487.	957.2
269	4	0.899	0.56	408.1	717.3	1214.7	2.356	567.	487.	974.5
269	5	0.901	3.59	407.8	717.8	1215.7	2.358	567.	487.	975.5
269	6	0.901	1.55	408.1	717.8	1215.7	2.358	567.	487.	975.5

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M _c	α	q	p	H	N _R ·10 ⁻⁶	T ₀	T	V
270	4	0.699	4.5	284.5	89.6	1150.8	2.025	554.	504.	770.5
270	5	0.686	4.7	293.9	85.3	1164.1	2.009	555.	505.	771.2
270	6	0.700	4.5	295.9	85.3	1185.7	2.004	555.	505.	772.2
270	7	0.700	4.4	284.9	85.3	1192.7	2.008	556.	506.	772.2
270	8	0.680	4.5	284.9	85.3	1151.2	2.018	556.	506.	772.2
270	9	0.700	4.5	290.6	84.5	1173.9	2.003	556.	506.	772.2
270	10	0.699	4.5	290.6	85.1	1180.9	2.057	556.	506.	772.2
270	11	0.700	4.5	293.8	85.6	1187.9	2.068	556.	506.	772.2
270	12	0.700	4.7	293.8	85.6	1187.9	2.081	556.	506.	772.2
271	1	0.697	4.5	283.8	83.2	1154.3	2.029	555.	505.	768.5
271	2	0.700	4.5	285.3	83.2	1155.6	2.031	555.	505.	771.2
271	3	0.701	4.5	286.8	83.3	1157.6	2.034	555.	505.	772.2
271	4	0.698	4.5	286.8	83.5	1158.9	2.037	555.	505.	770.5
271	5	0.700	4.5	287.1	83.5	1159.3	2.037	555.	505.	771.2
271	6	0.701	4.5	287.1	83.5	1161.3	2.040	555.	505.	772.2
271	7	0.681	4.5	287.6	84.1	1163.3	2.047	555.	505.	772.2
271	8	0.698	4.5	287.6	84.1	1165.3	2.052	555.	505.	772.2
271	9	0.701	4.5	289.3	84.2	1167.3	2.049	555.	505.	772.2
271	10	0.700	4.5	289.3	84.2	1169.3	2.054	555.	505.	772.2
271	11	0.700	4.5	289.3	84.4	1171.3	2.054	555.	505.	772.2
271	12	0.700	4.5	289.3	84.4	1172.3	2.057	555.	505.	772.2
271	13	0.700	4.5	289.3	84.4	1172.3	2.057	555.	505.	772.2
271	14	0.700	4.5	289.3	84.4	1172.3	2.057	555.	505.	772.2
272	1	0.700	4.5	286.5	83.3	1156.7	2.022	557.	507.	772.2
272	2	0.700	4.5	286.5	83.3	1156.7	2.022	557.	507.	772.2
272	3	0.701	4.5	286.5	83.3	1156.7	2.022	557.	507.	772.2
272	4	0.700	4.5	286.5	83.3	1156.7	2.022	557.	507.	772.2
272	5	0.698	4.5	286.5	83.3	1156.7	2.022	557.	507.	772.2
272	6	0.700	4.5	286.5	83.3	1156.7	2.022	557.	507.	772.2
272	7	0.699	4.5	286.5	83.3	1156.7	2.022	557.	507.	772.2
272	8	0.698	4.5	286.5	83.3	1156.7	2.022	557.	507.	772.2
272	9	0.700	4.5	286.5	83.3	1156.7	2.022	557.	507.	772.2
272	10	0.698	4.5	286.5	83.3	1156.7	2.022	557.	507.	772.2
272	11	0.700	4.5	286.5	83.3	1156.7	2.022	557.	507.	772.2
272	12	0.700	4.5	286.5	83.3	1156.7	2.022	557.	507.	772.2
273	1	0.700	4.5	287.5	83.6	1160.9	2.036	558.	508.	774.4
273	2	0.701	4.5	287.5	83.6	1161.9	2.036	558.	508.	774.4
273	3	0.699	4.5	287.5	83.6	1161.9	2.036	558.	508.	774.4
273	4	0.699	4.5	287.5	83.6	1161.9	2.036	558.	508.	774.4
273	5	0.699	4.5	287.5	83.6	1161.9	2.036	558.	508.	774.4
273	6	0.699	4.5	287.5	83.6	1161.9	2.036	558.	508.	774.4
273	7	0.699	4.5	287.5	83.6	1161.9	2.036	558.	508.	774.4
273	8	0.699	4.5	287.5	83.6	1161.9	2.036	558.	508.	774.4
273	9	0.699	4.5	287.5	83.6	1161.9	2.036	558.	508.	774.4
273	10	0.699	4.5	287.5	83.6	1161.9	2.036	558.	508.	774.4
273	11	0.699	4.5	287.5	83.6	1161.9	2.036	558.	508.	774.4
273	12	0.699	4.5	287.5	83.6	1161.9	2.036	558.	508.	774.4
273	13	0.699	4.5	287.5	83.6	1161.9	2.036	558.	508.	774.4
273	14	0.699	4.5	287.5	83.6	1161.9	2.036	558.	508.	774.4

TABLE II
TUNNEL OPERATING CONDITIONS

Run	Pt	M_c	α	q	p	H	$N_R \times 10^{-6}$	T_o	T	V
273	9	0.699	2.49	287.6	839.7	1164.3	2.029	558.	508.	773.3
273	10	0.700	3.50	288.5	838.1	1164.3	2.031	558.	508.	774.0
273	11	0.697	5.33	286.2	841.5	1164.8	2.026	558.	508.	773.7
273	12	0.700	7.38	288.3	839.8	1164.4	2.031	558.	508.	773.7
273	13	0.700	9.46	288.4	840.0	1165.4	2.033	558.	508.	773.7
273	14	0.700	11.51	288.8	840.5	1165.6	2.035	558.	508.	774.0
273	15	0.700	-0.54	288.8	840.5	1166.6	2.035	558.	508.	774.0

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M _c	α	ϕ_A	C _N	C _m	C _y	C _n	C _L	C _A
55	7	1.199	-0.37	-0.00	0.0022	-0.0826	-0.0047	-0.0943	-0.0007	0.1717
55	8	1.197	-0.20	-0.00	0.0087	-0.1035	-0.0052	-0.1003	-0.0006	0.1669
55	9	1.198	-0.26	-0.00	0.0130	-0.1310	-0.0012	-0.1069	-0.0010	0.1613
55	10	1.201	-0.23	-0.00	0.0132	-0.1338	-0.0037	-0.1250	-0.0015	0.1634
55	11	1.200	-0.19	-0.00	0.0135	-0.1425	-0.0048	-0.1069	-0.0022	0.1605
55	12	1.200	-0.11	-0.00	0.0349	-0.2658	-0.0089	-0.1306	-0.0009	0.1591
55	21	1.200	-0.24	-0.00	0.0491	-0.3006	0.0146	-0.1501	-0.0013	0.1535
55	22	1.199	-0.25	-0.00	0.0537	-0.3078	0.0397	-0.2023	-0.0016	0.1560
66	1	1.000	-0.32	-0.00	0.0321	-0.2206	0.0231	-0.1773	-0.0017	0.0901
66	7	1.000	-0.29	-0.00	0.0162	-0.2039	0.0310	-0.1855	-0.0019	0.0963
66	8	1.000	-0.25	-0.00	0.0199	-0.2105	0.0087	-0.1345	-0.0006	0.1033
66	9	1.002	-0.30	-0.00	0.0073	-0.1114	-0.0066	-0.1377	-0.0006	0.1148
66	10	1.001	-0.32	-0.00	0.0071	-0.0925	-0.0079	-0.0786	-0.0006	0.1210
66	11	1.001	-0.37	-0.00	0.0085	-0.0880	-0.0121	-0.0697	-0.0005	0.1275
66	12	1.001	-0.30	-0.00	0.0082	-0.0791	-0.0153	-0.0596	-0.0004	0.1207
66	13	1.002	-0.30	-0.00	0.0131	-0.0589	-0.0212	-0.0322	-0.0020	0.1304
77	1	0.902	-0.45	-0.00	0.0193	-0.0578	-0.0056	-0.0619	0.0005	0.0945
77	3	0.901	-0.46	-0.00	0.0096	-0.0850	-0.0027	-0.0925	-0.0010	0.0815
77	4	0.902	-0.44	-0.00	0.0067	-0.0940	-0.0020	-0.0961	-0.0016	0.0833
77	5	0.902	-0.44	-0.00	0.0038	-0.1021	-0.0043	-0.0964	-0.0018	0.0833
77	6	0.901	-0.44	-0.00	0.0064	-0.1424	-0.0043	-0.0964	-0.0016	0.0810
77	7	0.901	-0.46	-0.00	0.0152	-0.1850	-0.0011	-0.1126	-0.0018	0.0727
77	8	0.909	-0.44	-0.00	0.0463	-0.2497	0.0002	-0.1269	-0.0030	0.0660
88	1	0.685	-0.56	-0.00	0.0117	-0.184	-0.0272	-0.0280	0.0000	0.0925
88	3	0.689	-0.57	-0.00	0.0347	-0.2055	-0.0113	-0.0276	-0.0028	0.0849
88	4	0.684	-0.55	-0.00	0.0508	-0.2689	-0.0089	-0.0274	-0.0016	0.0860
88	5	0.686	-0.55	-0.00	0.0865	-0.3329	-0.0053	-0.0270	-0.0011	0.0860
88	6	0.685	-0.56	-0.00	0.0195	-0.1672	-0.0047	-0.0767	-0.0003	0.0922
88	8	0.685	-0.55	-0.00	0.0174	-0.1521	-0.0177	-0.0667	-0.0003	0.0922
88	9	0.685	-0.55	-0.00	0.0111	-0.1243	-0.0186	-0.0521	-0.0003	0.0933
88	10	0.686	-0.54	-0.00	0.0067	-0.1243	-0.0235	-0.0535	-0.0003	0.0970
88	11	0.686	-0.55	-0.00	0.0028	-0.1106	-0.0305	-0.0535	-0.0018	0.1045
99	1	0.400	-4.60	-0.00	-0.1030	-0.8246	0.0094	-0.1221	-0.0063	0.1066
99	3	0.399	-2.72	-0.00	-0.0551	-0.5046	0.0059	-0.0963	-0.0051	0.1218
99	5	0.399	-1.70	-0.00	-0.0312	-0.3140	0.0055	-0.0841	-0.0037	0.1351

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M_c	α	ϕ_A	C_N	C_m	C_Y	C_n	C_l	C_A
9	7	0.397	1.248	-0.00	0.0312	-0.1990	0.0061	-0.0973	0.0043	0.0128
9	9	0.399	-0.268	-0.00	0.0268	-0.0617	0.0079	-0.1033	0.0023	0.1368
9	10	0.398	0.227	-0.00	0.0281	0.0141	0.0004	-0.0919	0.0045	0.1430
9	11	0.398	1.229	-0.00	0.0274	0.1554	-0.0037	-0.0741	0.0055	0.1463
9	12	0.398	-0.271	-0.00	0.0351	0.3780	0.0086	-0.0310	0.0015	0.1568
9	13	0.398	-0.271	-0.00	0.0366	0.0545	-0.0001	-0.0271	0.0061	0.1506
10	1	0.400	4.66	-0.00	0.2225	-0.4359	0.0203	0.0789	0.0657	0.1529
10	2	0.399	-2.73	-0.00	0.1525	-0.2189	-0.0185	-0.0616	0.0058	0.1523
10	3	0.400	-1.22	-0.00	0.1639	-0.1064	-0.0281	-0.0527	0.0059	0.1531
10	4	0.401	-0.64	-0.00	0.0831	-0.0502	-0.0258	-0.0442	0.0045	0.1540
10	5	0.400	0.26	-0.00	0.0420	0.0269	0.0298	-0.0409	0.0061	0.1543
10	6	0.400	0.26	-0.00	0.0380	0.1530	-0.0275	-0.0422	0.0051	0.1546
10	7	0.402	3.23	-0.00	0.0787	0.2924	-0.0284	-0.0498	0.0027	0.1548
10	8	0.400	7.25	-0.00	0.1549	0.7023	-0.0330	-0.0153	0.0025	0.1550
10	9	0.401	9.26	0.00	0.3339	0.9026	-0.0352	-0.0257	0.0022	0.1552
10	11	0.398	11.27	0.00	0.4921	1.0861	-0.0211	-0.0173	0.0041	0.1555
10	12	0.398	-0.272	-0.00	0.0955	0.1030	0.0410	-0.0497	0.0061	0.1624
11	1	0.399	4.63	-0.00	0.2169	-0.436	0.0380	0.1114	0.107	0.1749
11	2	0.400	-2.70	-0.00	0.1667	-0.2784	-0.0472	-0.0662	0.093	0.1559
11	3	0.400	-1.21	-0.00	0.1321	-0.1233	-0.0451	-0.0530	0.099	0.1553
11	4	0.401	-0.64	-0.00	0.1059	-0.0555	-0.0516	-0.0463	0.105	0.1579
11	5	0.401	0.26	-0.00	0.1002	0.1259	-0.0577	-0.0460	0.107	0.1580
11	6	0.400	0.26	-0.00	0.0632	0.2887	-0.0556	-0.0435	0.112	0.1566
11	7	0.402	3.23	-0.00	0.0630	0.6674	-0.0515	-0.0411	0.119	0.1564
11	8	0.401	7.25	-0.00	0.1608	0.9270	-0.0554	-0.0444	0.111	0.1565
11	9	0.401	9.26	-0.00	0.2739	1.1120	-0.0506	-0.0267	0.109	0.1543
11	10	0.400	11.27	-0.00	0.4162	1.3737	-0.0364	-0.0173	0.104	0.1493
11	11	0.400	-0.270	-0.00	0.1258	0.0880	0.0623	-0.0424	0.101	0.1484
11	12	0.401	4.58	-0.00	0.1989	-0.432	-0.0167	-0.0555	0.12	0.199
11	13	0.401	-2.52	-0.00	0.1135	-0.2835	-0.0227	-0.0448	0.014	0.1957
12	1	0.700	-1.52	0.00	-0.0689	-0.1700	-0.0247	-0.0353	0.0004	0.0925
12	2	0.700	-0.59	0.00	-0.0549	-0.1113	-0.0272	-0.0331	0.0003	0.0926
12	3	0.701	-0.59	0.00	-0.0350	-0.0554	-0.0286	-0.0236	0.0003	0.0987

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M_c	α	ϕ_A	C_N	C_m	C_y	C_n	C_A	C_L	C_A
12	9	0.701	0.00	-0.0194	0.024	0.0257	-0.0194	0.0007	0.0007	0.0005	0.0005
12	10	0.700	0.00	-0.0152	0.0669	-0.0253	-0.0150	0.0007	0.0007	0.0005	0.0005
12	11	0.701	0.00	0.0466	0.1857	-0.0270	-0.0090	0.0005	0.0005	0.0005	0.0005
12	12	0.700	0.00	0.1307	0.4158	-0.0265	0.0032	0.0005	0.0005	0.0005	0.0005
12	13	0.701	0.00	0.2115	0.6260	-0.0280	0.0059	0.0005	0.0005	0.0005	0.0005
12	14	0.700	0.00	0.3095	0.8263	-0.0254	0.0123	0.0007	0.0007	0.0005	0.0005
12	15	0.701	0.00	0.4378	0.9854	-0.0284	0.0235	0.0007	0.0007	0.0005	0.0005
12	16	0.700	0.00	0.5790	1.1619	-0.0262	0.0392	0.0001	0.0001	0.0001	0.0001
12	17	0.700	-0.00	-0.0351	-0.0527	-0.0265	-0.0250	-0.0004	-0.0004	-0.0004	-0.0004
13	1	0.699	0.00	-0.1149	0.365	0.0165	0.0842	0.0039	0.0039	0.0039	0.0039
13	2	0.700	0.00	-0.0696	-0.4820	-0.0176	-0.0802	-0.0039	-0.0039	-0.0039	-0.0039
13	3	0.700	0.00	-0.0488	-0.2927	-0.0191	-0.0650	-0.0039	-0.0039	-0.0039	-0.0039
13	4	0.699	0.00	-0.0309	-0.1996	-0.0184	-0.0667	-0.0039	-0.0039	-0.0039	-0.0039
13	5	0.699	0.00	-0.0217	-0.0906	-0.0186	-0.0650	-0.0039	-0.0039	-0.0039	-0.0039
13	6	0.700	0.00	-0.0123	0.0899	-0.0176	-0.0550	-0.0039	-0.0039	-0.0039	-0.0039
13	7	0.700	0.00	0.0012	0.2925	-0.0158	-0.0511	-0.0039	-0.0039	-0.0039	-0.0039
13	8	0.699	0.00	0.0661	0.6603	-0.0130	-0.0411	-0.0039	-0.0039	-0.0039	-0.0039
13	9	0.701	0.00	0.0191	-0.0973	-0.0142	-0.0337	-0.0044	-0.0044	-0.0044	-0.0044
14	1	0.701	0.00	-0.0702	0.886	0.0136	0.0687	0.0050	0.0050	0.0050	0.0050
14	2	0.701	0.00	-0.0289	-0.6285	-0.0071	-0.0822	0.0050	0.0050	0.0050	0.0050
14	3	0.701	0.00	-0.0206	-0.3742	-0.0064	-0.0862	0.0050	0.0050	0.0050	0.0050
14	4	0.701	0.00	-0.0166	-0.2506	-0.0053	-0.0769	0.0050	0.0050	0.0050	0.0050
14	5	0.702	0.00	-0.0037	-0.1248	-0.0040	-0.0769	0.0050	0.0050	0.0050	0.0050
14	6	0.701	0.00	0.0011	0.1005	-0.0040	-0.0641	0.0050	0.0050	0.0050	0.0050
14	7	0.701	0.00	0.0084	0.3524	-0.0040	-0.0670	0.0050	0.0050	0.0050	0.0050
14	8	0.702	0.00	0.0356	0.8092	-0.0096	-0.0523	0.0050	0.0050	0.0050	0.0050
14	9	0.701	0.00	0.0956	1.0993	-0.0102	-0.0414	0.0050	0.0050	0.0050	0.0050
14	10	0.701	0.00	0.2002	1.2593	-0.0180	-0.0381	0.0050	0.0050	0.0050	0.0050
14	11	0.700	0.00	0.3288	1.4264	-0.0130	-0.0414	0.0050	0.0050	0.0050	0.0050
14	12	0.700	0.00	0.4740	1.5700	-0.0101	-0.0414	0.0050	0.0050	0.0050	0.0050
14	13	0.702	0.00	0.0111	-0.1134	0.0046	-0.0282	0.0050	0.0050	0.0050	0.0050
15	1	0.701	0.00	-0.0654	0.980	0.0113	0.0660	0.0042	0.0042	0.0042	0.0042
15	2	0.702	0.00	-0.0040	-0.7022	-0.0068	-0.0660	0.0042	0.0042	0.0042	0.0042
15	3	0.703	0.00	0.0139	-0.4880	-0.0062	-0.0670	0.0042	0.0042	0.0042	0.0042
15	4	0.700	0.00	0.0138	-0.3703	-0.0041	-0.0605	0.0042	0.0042	0.0042	0.0042
15	5	0.700	0.00	0.0113	-0.2595	0.0063	-0.1037	0.0042	0.0042	0.0042	0.0042
15	6	0.699	0.00	0.0024	-0.0486	0.0001	-0.0932	0.0042	0.0042	0.0042	0.0042
15	7	0.700	0.00	-0.0104	0.1396	0.0001	-0.0715	0.0042	0.0042	0.0042	0.0042

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M_c	α	ϕ_A	C_N	C_m	C_y	C_L	C_d	C_A
15	8	0.699	1.41	-0.00	-0.0306	0.4769	-0.0039	-0.0482	-0.0036	0.00207
15	9	0.699	3.39	-0.00	0.0049	0.8478	-0.0263	0.0563	-0.0024	0.07493
16	15	0.900	4.38	0.00	-0.1988	-0.4781	0.0026	0.1002	0.0005	0.7954
16	16	0.901	-2.43	0.00	-0.1108	-0.2782	0.0011	-0.0825	0.0008	0.08072
16	17	0.900	-1.42	0.00	-0.0627	-0.1621	0.0010	-0.0755	0.0006	0.08285
16	18	0.900	-0.96	0.00	-0.0430	-0.1117	-0.0051	-0.0643	0.0011	0.08061
16	19	0.900	-0.48	0.00	-0.0248	-0.0470	0.0093	-0.0545	0.0010	0.08441
16	20	0.900	0.02	0.00	0.0000	0.0043	-0.0059	-0.0546	0.0010	0.08050
16	21	0.898	0.04	0.00	0.0027	0.0077	-0.0074	-0.0546	0.0010	0.08109
16	22	0.901	0.56	0.00	0.0189	0.0585	-0.0085	-0.0546	0.0014	0.07907
16	23	0.900	1.57	0.00	0.0616	0.1801	-0.0085	-0.0546	0.0006	0.08059
16	24	0.901	5.54	0.00	0.1538	0.3940	-0.0160	-0.0283	0.0011	0.08017
16	25	0.901	7.55	0.00	0.2480	0.5978	-0.0222	0.0192	0.0010	0.07817
16	26	0.899	9.54	0.00	0.3631	0.7874	-0.0278	0.0234	0.0018	0.07586
16	27	0.901	11.56	0.00	0.4990	0.9531	-0.0288	0.0234	0.0015	0.07015
16	28	0.901	-0.37	0.00	0.6684	1.1259	-0.0424	0.0586	0.0010	0.05637
16	29	0.901	-4.46	0.00	-0.0108	-0.0701	-0.0094	-0.0521	0.0010	0.07810
17	1	0.900	4.46	0.00	-0.0068	1.319	0.396	0.1353	0.0023	0.3708
17	2	0.901	-2.39	0.00	0.0376	-0.1786	-0.0044	0.1083	0.0019	0.3923
17	3	0.900	-1.01	0.00	0.0479	-0.5169	0.0066	-0.1282	0.0023	0.4473
17	4	0.900	-0.52	0.00	0.0439	-0.2437	0.0061	-0.1336	0.0023	0.4692
17	5	0.900	0.00	0.00	0.0369	-0.0632	0.0037	-0.1300	0.0026	0.4923
17	6	0.899	0.51	0.00	0.0257	0.1257	0.0020	-0.1079	0.0023	0.5136
17	7	0.901	1.50	0.00	0.0062	0.4851	0.0024	-0.1007	0.0021	0.5357
17	8	0.900	3.47	0.00	0.0351	0.9032	0.0122	-0.0461	0.0022	0.5617
17	9	0.901	5.48	0.00	0.1121	1.0920	-0.0122	0.0719	0.0024	0.5749
17	10	0.900	7.48	0.00	0.2379	1.2585	-0.0004	0.1201	0.0026	0.5848
17	11	0.898	9.48	0.00	0.3638	1.4842	-0.0222	0.1531	0.0025	0.5926
17	12	0.901	11.37	0.00	0.5027	1.6765	-0.0298	0.1837	0.0025	0.6087
18	1	0.900	4.48	0.00	-0.0067	0.9537	0.202	0.133	0.0027	0.5167
18	2	0.901	-2.56	0.00	0.0633	-0.7562	-0.0049	0.123	0.0024	0.5337
18	3	0.900	-1.53	0.00	0.0758	-0.5432	0.0085	-0.1190	0.0026	0.5613
18	4	0.901	-0.53	0.00	0.0682	-0.2822	0.0128	-0.1255	0.0028	0.5823
18	5	0.900	0.04	0.00	0.0560	-0.1144	0.0117	-0.1518	0.0035	0.6173
18	6	0.899	0.54	0.00	0.0313	0.3963	-0.0003	-0.1897	0.0032	0.6482
18	7	0.900	1.54	0.00	0.0546	0.784	0.0012	-0.047	0.0030	0.6753
18	8	0.900	3.54	0.00	0.0213	0.0	-0.0003	-0.0005	0.0035	0.7153
18	9	0.899	5.54	0.00	0.0546	0.0	-0.0012	-0.0005	0.0030	0.7482

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M_c	α	ϕ_A	C_N	C_m	C_Y	C_N	C_L	C_A
19	4	0.701	-4.46	-0.00	-0.1321	5481	0.0171	-0.1425	-0.0021	0.1917
19	5	0.701	-2.61	-0.00	-0.0350	5101	0.0188	-0.1433	-0.0016	0.1915
19	6	0.700	-1.52	-0.00	-0.0064	3765	0.0202	-0.1457	-0.0011	0.1944
19	7	0.700	-1.07	-0.00	0.0017	2913	0.0241	-0.1507	-0.0012	0.1934
19	8	0.701	-0.50	-0.00	0.0031	1689	0.0288	-0.1578	-0.0020	0.1961
19	9	0.700	-0.11	-0.00	-0.0177	0.1682	0.0242	-0.1456	-0.0022	0.1222
19	10	0.700	0.42	-0.00	-0.0377	0.1888	0.0190	-0.1146	-0.0016	0.1068
19	11	0.700	1.34	-0.00	-0.0316	0.4129	0.0005	-0.0555	-0.0012	0.1087
19	12	0.701	3.43	-0.00	-0.0279	0.6404	-0.0027	-0.0337	-0.0013	0.1065
20	1	1.184	-4.35	-0.00	-0.0636	8402	0.0322	-0.1982	-0.0022	0.1567
20	2	1.200	-2.24	-0.00	-0.0693	8300	0.0691	-0.2625	-0.0021	0.1569
20	3	1.202	-1.75	-0.00	0.0830	6791	0.0703	-0.2685	-0.0019	0.1566
20	4	1.202	-0.75	-0.00	0.0830	5076	0.0626	-0.2643	-0.0016	0.1598
20	5	1.203	-0.21	-0.00	0.0204	2622	0.0531	-0.2543	-0.0021	0.1598
20	6	1.204	0.48	-0.00	-0.0483	0.2397	0.0388	-0.2038	-0.0019	0.1515
20	7	1.201	1.72	-0.00	-0.0483	0.2397	0.0369	-0.2041	-0.0017	0.1630
20	8	1.198	3.72	-0.00	-0.0265	0.8615	0.0263	-0.1350	-0.0014	0.1198
21	1	1.203	-4.15	-0.00	-0.0385	9222	-0.0210	-0.1286	-0.0021	0.1705
21	2	1.204	-2.28	-0.00	-0.0599	8897	-0.0032	-0.1051	-0.0020	0.1494
21	3	1.203	-1.13	-0.00	0.0605	6475	0.0114	-0.1468	-0.0027	0.1526
21	4	1.203	-0.63	-0.00	0.0605	4620	0.0095	-0.1368	-0.0028	0.1558
21	5	1.203	-0.26	-0.00	0.0248	2776	0.0093	-0.1390	-0.0025	0.1612
21	6	1.203	0.17	-0.00	-0.0728	0.1070	-0.0085	-0.1052	-0.0023	0.1714
21	7	1.203	1.69	-0.00	-0.0671	0.4206	-0.0237	-0.0181	-0.0018	0.1601
21	8	1.203	3.71	-0.00	-0.0261	1.0339	-0.0185	-0.0076	-0.0020	0.1290
22	4	1.252	-4.17	-0.00	-0.0074	2618	-0.0187	-0.0620	-0.0020	0.1740
22	5	1.252	-2.31	-0.00	-0.0543	9974	-0.0015	-0.0686	-0.0019	0.1539
22	6	1.252	-1.20	-0.00	0.0672	6928	0.0125	-0.1171	-0.0017	0.1664
22	7	1.252	-0.80	-0.00	0.0597	5378	0.0128	-0.1104	-0.0018	0.1716
22	8	1.252	-0.24	-0.00	0.0285	2451	0.0064	-0.0560	-0.0016	0.1719
22	9	1.252	0.17	-0.00	-0.0485	1955	-0.0011	-0.0560	-0.0017	0.1620
22	10	1.252	1.70	-0.00	-0.0852	1480	-0.0017	-0.0092	-0.0016	0.1436
22	11	1.252	3.69	-0.00	-0.0923	8396	-0.0071	-0.0040	-0.0007	0.1436
23	1	1.201	-4.14	-0.00	-0.0201	1633	-0.0296	-0.0615	-0.0026	0.1587
23	2	1.203	-2.12	-0.00	0.0607	8991	0.0008	-0.1038	-0.0023	0.1527
23	3	1.203	-1.12	-0.00	0.0723	6815	0.0070	-0.1212	-0.0023	0.1464

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M _C	α	ϕ_A	C _N	C _m	C _y	C _n	C _f	C _A
23	4	1.204	-0.75	-0.00	0.0670	-0.5174	0.0062	-0.1133	-0.0024	0.1573
23	5	1.203	-0.35	-0.00	0.0460	-0.3102	0.0060	-0.1320	-0.0021	0.1571
23	6	1.204	0.19	-0.00	-0.0146	-0.0976	-0.0060	-0.1648	-0.0022	0.1594
23	7	1.203	0.70	-0.00	-0.0536	0.4033	-0.0174	-0.0194	-0.0023	0.1623
23	8	1.203	1.36	-0.00	-0.0656	0.7201	-0.0288	0.0306	-0.0015	0.1525
23	9	1.202	1.72	-0.00	-0.0192	1.0961	-0.0498	0.0930	-0.0014	0.1354
23	10	1.204	1.63	-0.00	0.0689	1.3574	0.0356	0.1420	-0.0019	0.1341
23	11	1.204	1.69	-0.00	0.1806	1.6549	0.0999	-0.1261	-0.0024	0.1363
23	12	1.204	1.64	-0.00	0.3306	1.8785	0.0398	-0.1326	-0.0027	0.1436
24	1	0.999	3.1	-0.00	-0.0300	-1.0110	-0.0314	-0.0343	-0.0036	0.4501
24	2	1.002	2.40	-0.00	0.0222	-0.7542	-0.0102	-0.0721	-0.0036	0.7670
24	3	1.000	1.32	-0.00	0.0308	-0.5133	-0.0022	-0.1031	-0.0036	0.9248
24	4	1.000	-0.87	-0.00	0.0136	-0.3546	0.0102	-0.1226	-0.0014	1.0507
24	5	1.000	-0.36	-0.00	0.0060	-0.1709	0.0086	-0.1178	-0.0012	1.1413
24	6	1.000	0.10	-0.00	-0.0060	0.0046	0.0086	-0.1089	-0.0016	1.0813
24	7	1.000	0.61	-0.00	0.0197	0.2083	0.0031	-0.0753	-0.0015	0.9643
24	8	1.003	1.60	-0.00	0.0380	0.5578	0.0029	-0.0753	-0.0015	0.9643
24	9	1.000	1.55	-0.00	0.0619	0.9768	-0.0156	-0.1097	-0.0012	0.9127
24	10	0.999	1.66	-0.00	0.1794	1.2362	0.0029	-0.0571	-0.0016	0.9127
24	11	0.999	1.54	-0.00	0.3093	1.4362	-0.0029	-0.0385	-0.0016	0.7977
24	12	1.004	1.59	-0.00	0.4581	1.9507	-0.0113	-0.0097	-0.0016	0.7977
25	1	1.204	3.3	-0.00	-0.0205	-1.3064	-0.0434	-0.1248	-0.0019	1.2537
25	2	1.204	2.21	-0.00	0.0436	-0.9304	-0.0315	-0.0731	-0.0020	1.5379
25	3	1.204	1.39	-0.00	0.0571	-0.6683	-0.0350	-0.1071	-0.0019	1.5525
25	4	1.204	0.79	-0.00	0.0484	-0.4774	0.0051	-0.1053	-0.0020	1.5742
25	5	1.202	-0.86	-0.00	0.0301	-0.5006	0.0067	-0.1069	-0.0025	1.5893
25	6	1.202	0.08	-0.00	0.0100	-0.2615	0.0067	-0.0852	-0.0022	1.7126
25	7	1.203	0.67	-0.00	0.0385	0.0160	-0.0087	-0.0491	-0.0019	1.6916
25	8	1.203	1.66	-0.00	-0.0602	0.7414	-0.0165	-0.0401	-0.0010	1.5040
25	9	1.202	1.72	-0.00	0.0262	1.2188	-0.0548	-0.1156	-0.0010	1.5040
26	4	1.204	3.29	-0.00	-0.0230	-1.4086	-0.0344	-0.0741	-0.0029	1.5377
26	5	1.202	2.29	-0.00	0.0134	-0.9986	-0.0343	-0.0807	-0.0003	1.6153
26	6	1.202	1.18	-0.00	0.0123	-0.5143	-0.0109	-0.1107	-0.0003	1.7354
26	7	1.202	0.65	-0.00	0.0103	-0.3540	0.0114	-0.1149	-0.0003	1.7793
26	8	1.203	0.20	-0.00	0.0034	-0.1527	0.0140	-0.1123	-0.0003	1.7718
26	9	1.203	0.17	-0.00	-0.0065	-0.0167	0.0140	-0.1123	-0.0003	1.7718

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M _C	α	ϕ_A	C _N	C _m	C _y	C _x	C _l	C _A
26	11	1.203	0.788	-0.00	-0.0042	0.2040	0.0102	-0.1331	0.0004	0.1740
26	13	1.202	1.688	-0.00	-0.0149	0.2909	0.0071	-0.1320	0.0007	0.1740
26	13	1.202	3.68	-0.00	-0.0159	1.2492	-0.0058	-0.0153	-0.0002	0.1651
27	1	1.202	4.20	0.00	0.2090	0.5514	0.0000	0.1192	0.0009	0.1651
27	3	1.202	-2.30	0.00	-0.1106	-0.3117	0.0036	0.1052	0.0010	0.1651
27	4	1.202	-1.27	0.00	-0.0661	-0.1718	0.0016	0.1041	0.0011	0.1651
27	5	1.203	-0.31	0.00	-0.0438	-0.1055	0.0008	0.0891	0.0011	0.1651
27	6	1.202	0.19	0.00	0.0198	0.0474	0.0009	0.0891	0.0011	0.1651
27	7	1.202	0.71	0.00	0.0151	0.0228	0.0000	0.0891	0.0011	0.1651
27	8	1.202	1.74	0.00	0.0634	0.0228	0.0000	0.0891	0.0011	0.1651
27	9	1.204	3.56	0.00	0.1509	0.0228	0.0000	0.0891	0.0011	0.1651
27	10	1.203	7.22	0.00	0.3773	0.7209	0.0000	0.0891	0.0011	0.1651
27	11	1.205	9.67	0.00	0.5350	0.9388	0.0000	0.0891	0.0011	0.1651
27	12	1.205	11.65	0.00	0.7287	1.1344	0.0000	0.0891	0.0011	0.1651
27	13	1.203		0.00	0.5350	1.1344	0.0000	0.0891	0.0011	0.1651
27	14	1.203		0.00	0.7287	1.1344	0.0000	0.0891	0.0011	0.1651
28	1	1.003	5.23	0.00	0.1934	0.4454	0.0125	0.0891	0.0003	0.1651
28	3	1.001	-2.38	0.00	-0.1079	-0.1764	0.0143	0.0891	0.0003	0.1651
28	4	1.001	-1.29	0.00	-0.0591	-0.1255	0.0131	0.0891	0.0003	0.1651
28	5	1.003	-0.34	0.00	0.0202	0.0654	0.0126	0.0891	0.0003	0.1651
28	6	1.001	0.16	0.00	0.0211	0.0535	0.0127	0.0891	0.0003	0.1651
28	7	1.000	1.71	0.00	0.0637	0.0535	0.0127	0.0891	0.0003	0.1651
28	8	1.003	3.56	0.00	0.1535	0.0535	0.0127	0.0891	0.0003	0.1651
28	9	1.003	7.22	0.00	0.3571	0.0535	0.0127	0.0891	0.0003	0.1651
28	10	1.003	9.67	0.00	0.5220	0.0535	0.0127	0.0891	0.0003	0.1651
28	11	1.004	11.70	0.00	0.6877	0.0535	0.0127	0.0891	0.0003	0.1651
28	12	1.004		0.00	0.0119	1.2123	0.0000	0.0891	0.0003	0.1651
28	13	1.004		0.00	0.0119	1.2123	0.0000	0.0891	0.0003	0.1651
28	14	1.004		0.00	0.0119	1.2123	0.0000	0.0891	0.0003	0.1651

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M _c	α	φ _A	C _N	C _m	C _y	C _n	C _L	C _A
34	4	1.2067	4.34	-0.00	0.1756	0.4599	-0.0351	0.1669	0.0057	0.787
34	5	1.2067	-2.34	-0.00	0.0208	0.4330	0.0324	0.1365	0.0029	1.194
34	6	1.2067	-1.41	-0.00	0.0203	0.2994	0.0203	0.1265	0.0030	1.305
34	7	1.2066	-0.25	-0.00	0.0108	0.1213	0.0121	0.0997	0.0035	2.066
34	8	1.2066	0.10	-0.00	0.0108	0.0913	0.0077	0.0765	0.0036	2.104
34	9	1.2066	0.64	-0.00	0.0335	0.0465	0.0086	0.1350	0.0020	2.095
34	10	1.205	1.3	-0.00	0.0596	0.2144	0.0109	0.1021	0.0064	1.170
34	11	1.205	1.68	0.00	0.1448	0.5455	0.0419	0.0545	0.010	0.0
34	12	1.205	3.6	0.00	0.1448	0.5455	0.0419	0.0545	0.010	0.0
35	1	1.2063	4.29	-0.00	0.3042	0.87	-0.0524	0.79	0.022	0.77
35	2	1.2063	-2.27	-0.00	0.1425	0.2206	0.0124	0.243	0.0023	1.89
35	3	1.205	-1.77	-0.00	0.1353	0.3061	0.0139	0.143	0.0034	1.91
35	4	1.205	-0.24	-0.00	0.0269	0.1651	0.0144	0.113	0.0031	2.00
35	5	1.2044	0.09	-0.00	0.0264	0.1297	0.0056	0.106	0.0030	2.03
35	6	1.2044	1.70	-0.00	0.0562	0.2576	0.0213	0.1664	0.0030	1.97
35	7	1.2033	3.71	-0.00	0.2422	0.2512	-0.0513	0.427	0.0030	1.97
35	8	1.2034	-2.35	-0.00	0.3803	0.2324	0.0050	0.380	0.0030	1.97
35	9	1.2034	-1.88	-0.00	0.1693	0.2347	0.0050	0.169	0.0030	2.01
35	10	1.2045	0.20	-0.00	0.0303	0.2133	0.0113	0.087	0.0030	2.05
35	11	1.2045	1.59	-0.00	0.0163	0.1632	0.0055	0.077	0.0030	2.05
35	12	1.2045	3.57	-0.00	0.1021	0.1743	-0.0271	0.174	0.0030	2.05
36	1	1.205	4.25	-0.00	0.4267	0.175	0.0289	0.289	0.0030	2.05
36	2	1.205	-2.31	-0.00	0.1991	0.1653	0.0211	0.211	0.0030	2.05
36	3	1.205	-1.81	-0.00	0.0586	0.1239	0.0022	0.058	0.0030	2.05
36	4	1.205	0.19	-0.00	0.0123	0.0672	0.0021	0.012	0.0030	2.05
36	5	1.2044	1.43	-0.00	0.0581	0.0463	0.0021	0.058	0.0030	2.05
36	6	1.2045	1.62	-0.00	0.1444	0.0439	0.0023	0.144	0.0030	2.05
36	7	1.2045	3.62	-0.00	0.3491	0.0000	0.0000	0.349	0.0030	2.05
36	8	1.205	5.5	-0.00	0.6222	0.22	0.0312	0.622	0.0030	2.05
36	9	1.205	-2.50	-0.00	0.3286	0.7696	0.0312	0.328	0.0030	2.05
36	10	1.205	-1.93	-0.00	0.1932	0.1967	0.0312	0.193	0.0030	2.05
36	11	1.205	0.53	-0.00	0.1211	0.1138	0.0312	0.121	0.0030	2.05
36	12	1.205	3.57	-0.00	0.1211	0.1138	0.0312	0.121	0.0030	2.05
37	1	1.205	4.25	-0.00	0.4267	0.175	0.0289	0.289	0.0030	2.05
37	2	1.205	-2.31	-0.00	0.1991	0.1653	0.0211	0.211	0.0030	2.05
37	3	1.205	-1.81	-0.00	0.0586	0.1239	0.0022	0.058	0.0030	2.05
37	4	1.205	0.19	-0.00	0.0123	0.0672	0.0021	0.012	0.0030	2.05
37	5	1.2044	1.43	-0.00	0.0581	0.0463	0.0021	0.058	0.0030	2.05
37	6	1.2045	1.62	-0.00	0.1444	0.0439	0.0023	0.144	0.0030	2.05
37	7	1.2045	3.62	-0.00	0.3491	0.0000	0.0000	0.349	0.0030	2.05
37	8	1.205	5.5	-0.00	0.6222	0.22	0.0312	0.622	0.0030	2.05
37	9	1.205	-2.50	-0.00	0.3286	0.7696	0.0312	0.328	0.0030	2.05
37	10	1.205	-1.93	-0.00	0.1932	0.1967	0.0312	0.193	0.0030	2.05
37	11	1.205	0.53	-0.00	0.1211	0.1138	0.0312	0.121	0.0030	2.05
37	12	1.205	3.57	-0.00	0.1211	0.1138	0.0312	0.121	0.0030	2.05
38	1	1.206	4.25	-0.00	0.4267	0.175	0.0289	0.289	0.0030	2.05
38	2	1.206	-2.31	-0.00	0.1991	0.1653	0.0211	0.211	0.0030	2.05
38	3	1.206	-1.81	-0.00	0.0586	0.1239	0.0022	0.058	0.0030	2.05
38	4	1.206	0.19	-0.00	0.0123	0.0672	0.0021	0.012	0.0030	2.05
38	5	1.206	1.43	-0.00	0.0581	0.0463	0.0021	0.058	0.0030	2.05
38	6	1.206	1.62	-0.00	0.1444	0.0439	0.0023	0.144	0.0030	2.05
38	7	1.206	3.62	-0.00	0.3491	0.0000	0.0000	0.349	0.0030	2.05
38	8	1.206	5.5	-0.00	0.6222	0.22	0.0312	0.622	0.0030	2.05
38	9	1.206	-2.50	-0.00	0.3286	0.7696	0.0312	0.328	0.0030	2.05
38	10	1.206	-1.93	-0.00	0.1932	0.1967	0.0312	0.193	0.0030	2.05
38	11	1.206	0.53	-0.00	0.1211	0.1138	0.0312	0.121	0.0030	2.05
38	12	1.206	3.57	-0.00	0.1211	0.1138	0.0312	0.121	0.0030	2.05

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M_c	α	ϕ_A	C_N	C_m	C_Y	C_x	C_L	C_A
38	5	1.205	-0.45	-0.00	-0.0468	0.0282	-0.0346	0.0115	0.0016	0.007
38	6	1.205	-0.27	-0.00	-0.0115	0.0070	-0.0331	0.0012	0.0017	0.003
38	7	1.203	0.56	-0.00	0.0871	-0.0369	-0.0343	0.0122	0.0010	0.008
38	8	1.204	1.52	-0.00	0.2164	-0.1125	-0.0308	0.0131	0.0023	0.009
38	10	1.204	3.68	-0.00	0.5029	-0.2735	-0.0322	0.0173	0.0017	0.005
38	11	1.204	9.30	-0.00	1.4429	-0.6488	-0.0332	0.0264	0.0017	0.006
38	13	1.204	9.73	0.00	1.4261	-1.7680	-0.0341	0.0498	0.0006	0.002
39	1	1.007	-4.38	-0.00	-0.2563	0.3217	-0.0192	0.0491	0.0017	0.009
39	2	1.007	-2.38	-0.00	-0.1046	0.3221	-0.0091	0.0491	0.0036	0.003
39	3	1.004	-1.40	-0.00	-0.0230	-0.2650	-0.0069	0.0456	0.0035	0.005
39	4	1.005	-0.29	-0.00	0.0221	-0.2094	-0.0091	0.0746	0.0039	0.008
39	5	1.005	0.16	-0.00	0.0165	-0.1369	-0.0123	0.0632	0.0037	0.009
39	6	1.004	0.63	-0.00	0.0205	0.0889	-0.0130	0.0532	0.0043	0.009
39	7	1.006	1.53	-0.00	0.0566	0.2286	-0.0173	0.0190	0.0037	0.011
39	8	1.003	3.53	-0.00	0.1871	0.3063	-0.0226	0.0075	0.0043	0.013
40	1	1.006	-4.37	-0.00	-0.2710	0.2837	-0.0335	0.1572	0.0032	0.009
40	2	1.002	-2.34	-0.00	-0.1130	0.3120	-0.0166	0.0633	0.0035	0.003
40	3	1.004	-1.42	-0.00	-0.0337	-0.2490	-0.0146	0.0574	0.0035	0.005
40	4	1.006	-0.30	-0.00	0.0231	-0.1393	-0.0170	0.0500	0.0035	0.007
40	5	1.005	0.12	-0.00	0.0300	-0.1079	-0.0152	0.0450	0.0040	0.009
40	6	1.004	0.67	-0.00	0.0652	0.2255	-0.0194	0.0164	0.0040	0.011
40	7	1.004	1.59	-0.00	0.2138	0.2878	-0.0250	0.0104	0.0040	0.013
41	1	1.004	-4.34	-0.00	-0.3242	0.1740	-0.0221	0.0919	0.0034	0.009
41	2	1.003	-2.33	-0.00	-0.1452	0.3150	-0.0270	0.0535	0.0034	0.003
41	3	1.001	-1.40	-0.00	-0.0516	-0.2157	-0.0274	0.0311	0.0034	0.005
41	4	1.001	0.31	-0.00	0.0120	-0.1653	-0.0307	0.0291	0.0036	0.007
41	5	1.000	0.63	-0.00	0.0439	0.0333	-0.0255	0.0165	0.0043	0.009
41	6	1.002	1.57	-0.00	0.0989	0.1248	-0.0252	0.0109	0.0043	0.011
41	7	1.001	3.73	-0.00	0.2684	0.1798	-0.0224	0.0189	0.0023	0.013
42	1	1.003	-4.36	-0.00	-0.3098	0.2891	-0.0286	0.0377	0.0031	0.009
42	2	1.000	-2.34	-0.00	-0.2043	0.0529	-0.0281	0.0278	0.0031	0.003
42	3	1.000	-1.41	-0.00	-0.1118	-0.0477	-0.0307	0.0083	0.0038	0.005

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M _C	α	ϕ_A	C _N	C _m	C _y	C _n	C _l	C _A
42	4	1.001	0.94	-0.00	-0.0708	-0.0409	-0.0291	-0.0047	-0.0033	0.1648
42	5	1.001	-0.29	-0.00	-0.0161	-0.0379	-0.0313	-0.0033	0.0032	0.1648
42	6	1.002	0.03	-0.00	0.0155	-0.0296	-0.0302	-0.0033	0.0032	0.1648
42	7	1.000	1.55	-0.00	0.0491	-0.0010	-0.0277	-0.0033	0.0034	0.1648
42	8	1.002	3.65	-0.00	0.1239	-0.0017	-0.0215	-0.0033	0.0031	0.1648
42	9	1.000	5.65	-0.00	0.3239	-0.0028	-0.0205	-0.0033	0.0031	0.1648
43	3	1.001	5.58	-0.00	0.5929	0.7185	-0.0408	0.0992	-0.0061	0.1906
43	4	1.002	5.58	-0.00	0.3129	0.3206	-0.0460	0.0992	-0.0061	0.1906
43	5	1.001	5.58	-0.00	0.1838	0.1746	-0.0441	0.0992	-0.0061	0.1906
43	6	1.002	5.58	-0.00	0.1212	0.1136	-0.0436	0.0992	-0.0061	0.1906
43	7	1.000	5.58	-0.00	0.0506	0.0463	-0.0436	0.0992	-0.0061	0.1906
43	8	1.002	5.58	-0.00	0.0043	0.0200	-0.0436	0.0992	-0.0061	0.1906
43	9	1.000	5.58	-0.00	0.0606	-0.0077	-0.0436	0.0992	-0.0061	0.1906
43	10	1.001	5.58	-0.00	0.1912	-0.0071	-0.0436	0.0992	-0.0061	0.1906
43	11	1.000	5.58	-0.00	0.4468	-0.0045	-0.0436	0.0992	-0.0061	0.1906
43	12	1.004	5.58	-0.00	1.3990	-1.7792	-0.0436	0.0992	-0.0061	0.1906
44	4	0.902	4.54	0.00	0.2708	0.2275	-0.0190	0.4152	0.0033	0.7000
44	5	0.902	4.54	0.00	0.1256	0.2275	-0.0044	0.4152	0.0033	0.7000
44	6	0.902	4.54	0.00	0.0555	0.1931	-0.0044	0.4152	0.0033	0.7000
44	7	0.902	4.54	0.00	0.0057	0.1931	-0.0044	0.4152	0.0033	0.7000
44	8	0.902	4.54	0.00	0.0057	0.1931	-0.0044	0.4152	0.0033	0.7000
44	9	0.902	4.54	0.00	0.0395	0.1931	-0.0044	0.4152	0.0033	0.7000
44	10	0.902	4.54	0.00	0.1654	0.1931	-0.0044	0.4152	0.0033	0.7000
44	11	0.902	4.54	0.00	0.3395	0.1931	-0.0044	0.4152	0.0033	0.7000
44	12	0.902	4.54	0.00	0.6554	0.1931	-0.0044	0.4152	0.0033	0.7000
45	3	0.904	4.58	0.00	0.2931	0.2416	-0.0056	0.4248	0.0043	0.6656
45	4	0.902	4.58	0.00	0.1525	0.2416	-0.0056	0.4248	0.0043	0.6656
45	5	0.904	4.58	0.00	0.0630	0.1931	-0.0056	0.4248	0.0043	0.6656
45	6	0.902	4.58	0.00	0.0129	0.1931	-0.0056	0.4248	0.0043	0.6656
45	7	0.902	4.58	0.00	0.0129	0.1931	-0.0056	0.4248	0.0043	0.6656
45	8	0.902	4.58	0.00	0.0574	0.1931	-0.0056	0.4248	0.0043	0.6656
45	9	0.902	4.58	0.00	0.1915	0.1931	-0.0056	0.4248	0.0043	0.6656
45	10	0.902	4.58	0.00	0.3547	0.1931	-0.0056	0.4248	0.0043	0.6656
45	11	0.902	4.58	0.00	0.1681	0.1931	-0.0056	0.4248	0.0043	0.6656
45	12	0.902	4.58	0.00	0.1742	0.1931	-0.0056	0.4248	0.0043	0.6656

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M_c	α	ϕ_A	C_N	C_m	C_y	C_n	C_l	C_A
46	4	0.903	1.43	-0.00	0.1104	0.1007	-0.0241	0.173	0.0047	0.1046
46	5	0.903	-1.04	-0.00	-0.0352	-0.1062	-0.0231	-0.0197	0.0030	0.1060
46	6	0.903	-0.47	-0.00	-0.0133	-0.0279	-0.0241	-0.0130	0.0040	0.1057
46	7	0.903	0.42	-0.00	0.0284	0.0326	-0.0223	-0.0142	0.0041	0.1052
46	8	0.903	1.54	-0.00	0.0892	0.1119	-0.0192	-0.0110	0.0043	0.1099
46	9	0.903	3.57	-0.00	0.2410	0.1759	-0.0177	-0.0077	0.0049	0.1094
46	10	0.903								0.0945
47	1	0.903	7.26	0.00	0.5280	0.480	0.0379	0.091	0.0231	0.1233
47	2	0.903	-1.66	-0.00	-0.2823	-0.2078	-0.0335	-0.104	0.0013	0.1233
47	3	0.903	-1.73	-0.00	-0.1788	-0.1098	-0.0335	-0.091	0.0013	0.1233
47	4	0.903	-1.16	-0.00	-0.0760	-0.0533	-0.0371	-0.0349	0.0013	0.1233
47	5	0.903	-0.65	-0.00	-0.0588	-0.0419	-0.0356	-0.0340	0.0013	0.1233
47	6	0.903	-0.46	-0.00	-0.0281	-0.0218	-0.0341	-0.0340	0.0013	0.1233
47	7	0.903	0.41	0.00	0.0281	0.0218	-0.0341	0.0340	0.0013	0.1233
47	8	0.903	1.44	0.00	0.1350	-0.0945	-0.0335	0.0401	0.0022	0.1233
47	9	0.903	3.54	0.00	0.3622	-0.2926	-0.0374	0.0795	0.0001	0.1233
47	10	0.903		0.00	1.1302	-1.0476	-0.0335	0.175	0.0001	0.1233
47	11	0.903		0.00	1.1216	-1.0476	-0.0335	0.175	0.0001	0.1233
47	12	0.903		0.00						0.1233
48	1	0.704	7.76	0.00	0.5042	0.3913	0.0335	0.189	0.0022	0.1333
48	2	0.704	-1.77	-0.00	-0.2835	-0.1900	-0.0335	-0.109	0.0016	0.1333
48	3	0.704	-1.22	-0.00	-0.1795	-0.1177	-0.0335	-0.092	0.0016	0.1333
48	4	0.704	-0.68	-0.00	-0.0773	-0.0443	-0.0335	-0.0308	0.0016	0.1333
48	5	0.704	-0.56	-0.00	-0.0553	-0.0350	-0.0335	-0.0345	0.0016	0.1333
48	6	0.704	-0.27	-0.00	-0.0328	-0.0207	-0.0335	-0.0345	0.0016	0.1333
48	7	0.704	0.27	0.00	0.1271	-0.0785	-0.0335	0.0345	0.0016	0.1333
48	8	0.704	1.27	0.00	0.3271	-0.2271	-0.0335	0.0545	0.0016	0.1333
48	9	0.704	3.39	0.00	1.0480	-0.9155	-0.0335	0.177	0.0001	0.1333
48	10	0.704		0.00						0.1333
48	11	0.704		0.00						0.1333
48	12	0.704		0.00						0.1333
49	1	0.703	5.59	0.00	0.4647	0.527	0.0335	0.163	0.0001	0.1233
49	2	0.703	-1.65	-0.00	-0.2366	-0.0667	-0.0335	-0.099	0.0001	0.1233
49	3	0.703	-1.11	-0.00	-0.1112	-0.0404	-0.0335	-0.0335	0.0001	0.1233
49	4	0.703	-0.57	-0.00	-0.0574	-0.0213	-0.0335	-0.0335	0.0001	0.1233
49	5	0.703	-0.32	-0.00	-0.0356	-0.0130	-0.0335	-0.0335	0.0001	0.1233
49	6	0.703	0.32	0.00	0.0556	0.0363	-0.0335	0.0335	0.0001	0.1233
49	7	0.703	1.33	0.00	0.1556	0.0533	-0.0335	0.0335	0.0001	0.1233
49	8	0.703	3.68	0.00	0.3333	0.0333	-0.0335	0.0335	0.0001	0.1233
49	9	0.703		0.00	0.2556	0.0333	-0.0335	0.0335	0.0001	0.1233
49	10	0.703		0.00	0.2556	0.0333	-0.0335	0.0335	0.0001	0.1233
49	11	0.703		0.00	0.2556	0.0333	-0.0335	0.0335	0.0001	0.1233
49	12	0.703		0.00	0.2556	0.0333	-0.0335	0.0335	0.0001	0.1233

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M_c	α	ϕ_A	C_N	C_m	C_Y	C_H	C_L	C_A
50	1	0.702	-4.58	-0.00	-0.3807	-0.0488	-0.0104	-0.0632	-0.0039	0.301
50	2	0.703	-2.66	-0.00	-0.2078	-0.0951	-0.0103	-0.0543	-0.0021	0.123
50	3	0.704	-1.61	-0.00	-0.1296	-0.0524	-0.0135	-0.0353	-0.0026	0.091
50	4	0.703	-1.17	-0.00	-0.1095	-0.0164	-0.0142	-0.0320	-0.0026	0.123
50	5	0.703	-0.56	-0.00	-0.0662	-0.0161	-0.0126	-0.0275	-0.0026	0.126
50	6	0.703	-0.21	-0.00	-0.0388	0.0229	-0.0109	-0.0247	-0.0030	0.125
50	7	0.703	0.33	-0.00	-0.0081	0.0669	-0.0115	-0.0221	-0.0033	0.124
50	8	0.703	1.33	-0.00	0.0556	0.1292	-0.0117	-0.0079	-0.0026	0.114
50	9	0.703	3.37	-0.00	0.2011	0.2036	-0.0171	0.0152	-0.0026	0.114
51	1	0.704	-4.56	-0.00	-0.3436	-0.1110	-0.0120	-0.0543	-0.0036	0.329
51	2	0.703	-2.60	-0.00	-0.1708	-0.2017	-0.0034	-0.0733	-0.0033	0.093
51	3	0.703	-1.69	-0.00	-0.1091	-0.1650	-0.0037	-0.0633	-0.0036	0.093
51	4	0.702	-1.19	-0.00	-0.0650	-0.1086	-0.0044	-0.0522	-0.0037	0.126
51	5	0.702	-0.59	-0.00	-0.0336	-0.0341	-0.0053	-0.0244	-0.0039	0.126
51	6	0.704	-0.14	-0.00	-0.0437	0.0282	-0.0028	-0.0808	-0.0033	0.126
51	7	0.702	1.36	-0.00	-0.0387	0.1352	-0.0023	-0.0480	-0.0041	0.125
51	8	0.704	1.41	-0.00	-0.0013	0.3106	-0.0106	-0.0197	-0.0045	0.110
51	9	0.702	3.20	-0.00	0.1225	0.3530	-0.0097	-0.0062	-0.0053	0.110
52	1	0.705	-4.59	-0.00	-0.3390	-0.433	-0.0078	-0.0714	-0.003	0.613
52	2	0.701	-2.50	-0.00	-0.3351	-0.0265	-0.0046	-0.0761	-0.0031	0.106
52	3	0.700	-1.67	-0.00	-0.1970	-0.0886	-0.0049	-0.0927	-0.0037	0.149
52	4	0.701	-1.20	-0.00	-0.1367	-0.0632	-0.0045	-0.0824	-0.0041	0.109
52	5	0.701	-0.58	-0.00	-0.0846	-0.0672	-0.0044	-0.1089	-0.0043	0.139
52	6	0.702	0.38	-0.00	-0.0651	-0.0108	-0.0074	-0.0989	-0.0048	0.139
52	7	0.702	1.33	-0.00	-0.0276	0.1907	-0.0029	-0.0713	-0.0048	0.139
52	8	0.702	3.29	-0.00	0.1031	0.2990	-0.0039	-0.0232	-0.0056	0.119
53	1	0.900	-4.50	-45.00	-0.2761	-0.2698	-0.0254	-0.0237	-0.0033	0.612
53	2	0.899	-2.50	-45.00	-0.1295	-0.2805	-0.0130	-0.0543	-0.0033	0.123
53	3	0.900	-1.49	-45.00	-0.0665	-0.1955	-0.0048	-0.0533	-0.0029	0.091
53	4	0.900	-0.40	-45.00	-0.0325	-0.1468	-0.0044	-0.0533	-0.0029	0.123
53	5	0.900	0.40	-45.00	-0.0132	-0.0708	-0.0044	-0.0533	-0.0029	0.091
53	6	0.901	1.42	-45.00	0.0045	-0.0240	-0.0044	-0.0368	-0.0029	0.123
53	7	0.901	3.52	-45.00	0.0307	0.2083	-0.0025	-0.0121	-0.0022	0.092
53	8	0.901	1.42	-45.00	0.2067	0.2898	-0.0027	0.0071	-0.0022	0.076
54	1	0.998	-4.20	-45.00	-0.2682	-0.3091	-0.0208	-0.0449	-0.0009	0.967
54	2	1.000	-2.31	-45.00	-0.1206	-0.3035	-0.0178	-0.0489	-0.0003	0.123
54	3	1.000	-1.27	-44.99	-0.0573	-0.2335	-0.0166	-0.0564	-0.0003	0.117

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M_c	α	ϕ_A	C_N	C_m	C_y	C_n	C_l	C_A
54	4	1.001	-0.84	-45.00	-0.0342	-0.1755	-0.0176	-0.0516	0.0001	0.12179
54	5	1.003	-0.19	-45.00	-0.0139	-0.1943	-0.0234	-0.0243	0.0003	0.13129
54	6	1.000	0.72	-45.00	0.0137	-0.0095	-0.0262	-0.0243	0.0004	0.13029
54	7	1.000	1.63	-44.99	0.0270	0.1019	-0.0290	-0.0063	0.0001	0.13266
54	8	0.998	3.75	-44.99	0.2036	0.3282	-0.0313	0.0081	0.0025	0.10659
55	1	1.207	-4.15	-44.95	-0.2727	-0.2979	-0.0542	0.1510	0.0215	0.15509
55	2	1.206	-2.24	-45.00	-0.1071	-0.3569	-0.0139	0.1752	0.0017	0.19099
55	3	1.205	-1.25	-45.00	-0.0215	-0.3380	-0.0110	0.0753	0.0009	0.19900
55	4	1.204	-0.73	-45.00	0.0077	-0.2879	-0.0053	0.0645	0.0005	0.19327
55	5	1.204	-0.22	-45.00	0.0215	-0.1824	-0.0012	0.0975	0.0014	0.20102
55	6	1.203	0.66	-45.00	0.0154	-0.0667	-0.0012	0.0883	0.0014	0.21169
55	7	1.203	1.68	-44.99	0.0668	0.1409	-0.0012	0.2842	0.0019	0.21954
55	8	1.204	3.83	-44.99	0.2500	0.2359	-0.0015	0.0770	0.0109	0.17353
56	4	1.203	-4.57	-44.99	-0.6047	0.7063	-0.3557	0.1770	0.0004	0.12153
56	5	1.203	-2.48	-44.99	-0.3265	0.3798	-0.0293	0.1855	0.0004	0.14033
56	6	1.203	-1.53	-44.99	-0.1327	0.2218	-0.0279	0.1855	0.0001	0.15051
56	7	1.204	-0.50	-44.99	0.0659	0.1501	-0.0248	0.1358	0.0009	0.17139
56	8	1.203	0.25	-44.99	0.0269	0.0337	-0.0267	0.1071	0.0013	0.19614
56	9	1.203	0.57	-44.99	0.0713	0.0021	-0.0272	0.0624	0.0016	0.20154
56	10	1.203	1.57	-44.99	0.2137	0.0813	-0.0278	0.0084	0.0033	0.20362
56	11	1.205	3.20	-44.99	0.4815	0.3352	-0.0288	0.0740	0.0022	0.23462
56	12	1.205	5.84	-45.00	1.3202	1.2552	-0.0425	0.0693	0.0022	0.23362
56	13	1.205	-0.24	-44.99	-0.0277	-0.0274	-0.0318	0.0039	0.0002	0.23370
57	1	1.000	-4.57	-45.00	-0.5718	0.6138	-0.7179	0.1708	0.0002	0.12266
57	2	1.000	-2.59	-45.00	-0.3168	0.3296	-0.0575	0.0508	0.0002	0.14918
57	3	1.000	-1.57	-45.00	-0.1819	0.1928	-0.0575	0.0508	0.0002	0.16294
57	4	1.000	-0.52	-44.99	-0.0604	0.1383	-0.0578	0.0685	0.0001	0.19215
57	5	1.002	0.32	-44.99	0.0407	0.0641	-0.0572	0.0634	0.0000	0.19131
57	6	1.000	1.48	-44.99	0.0477	0.0440	-0.0527	0.0658	0.0000	0.19179
57	7	1.000	3.56	-44.99	0.1167	0.1757	-0.0530	0.0749	0.0002	0.18454
57	8	1.001	5.56	-44.99	0.1754	-0.0138	-0.0530	0.0886	0.0008	0.18454
58	4	0.902	-4.67	-45.00	-0.5034	0.3736	-0.0316	0.0034	-0.0014	0.11222

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M_c	α	ϕ_A	C_N	C_m	C_y	C_n	C_l	C_A
58	5	0.901	2.69	-45.00	-0.2813	0.2025	-0.0327	0.7252	0.0011	0.0000
58	6	0.902	-1.14	-44.99	-0.1757	0.1187	-0.0307	0.4016	0.0000	0.0000
58	7	0.899	-0.63	-44.99	-0.1140	0.0550	-0.0260	0.1035	0.0000	0.0000
58	8	0.901	-0.43	-44.99	-0.0457	0.0323	-0.0278	0.0105	0.0000	0.0000
58	9	0.899	-0.15	-44.99	-0.0178	0.0098	-0.0275	0.0056	0.0000	0.0000
58	10	0.898	0.38	-45.00	0.0337	-0.0246	-0.0319	0.0207	0.0000	0.0000
58	11	0.902	1.43	-45.00	0.1419	-0.0938	-0.0357	0.0362	0.0000	0.0000
58	12	0.901	3.58	-44.99	0.3577	-0.2481	-0.0363	0.0722	0.0000	0.0000
58	13	0.902	3.58	-44.99	1.0577	-0.7401	-0.0353	0.0362	0.0000	0.0000
58	14	0.901	3.58	-44.99	1.0439	-0.7349	-0.0353	0.0362	0.0000	0.0000
58	15	0.902	3.58	-44.99	1.0439	-0.7349	-0.0353	0.0362	0.0000	0.0000
58	16	0.902	3.58	-44.99	1.0439	-0.7349	-0.0353	0.0362	0.0000	0.0000
59	1	0.702	7.78	-44.99	4.8330	3.2811	-0.0327	0.1968	0.0000	0.0000
59	2	0.701	-2.78	-44.99	-0.2791	0.1155	-0.0359	0.1206	0.0000	0.0000
59	3	0.701	-1.25	-44.99	-0.1269	0.0498	-0.0378	0.0293	0.0000	0.0000
59	4	0.702	-0.57	-44.99	-0.0502	0.0274	-0.0271	0.0144	0.0000	0.0000
59	5	0.701	2.25	-44.99	0.0328	0.0035	-0.0281	0.0034	0.0000	0.0000
59	6	0.702	3.27	-44.99	0.1185	-0.0723	-0.0301	0.0119	0.0000	0.0000
59	7	0.701	3.42	-44.99	0.3234	-0.2046	-0.0320	0.0044	0.0000	0.0000
59	8	0.701	3.42	-44.99	0.9819	-0.6570	-0.0300	0.0143	0.0000	0.0000
59	9	0.700	-0.45	-44.99	-0.0649	0.0551	-0.0300	0.0143	0.0000	0.0000

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M _C	α	ϕ_A	C _N	C _m	C _y	C _n	C _l	C _A
63	4	1.205	-4.37	-44.99	0.5314	0.6205	0.0237	-0.0023	0.0044	0.3666
63	5	1.206	-1.32	-44.99	-0.2526	0.2888	0.0205	0.0058	0.0018	0.3766
63	6	1.206	-0.39	-44.99	-0.1155	0.1308	0.0195	0.0158	0.0014	0.3445
63	7	1.205	-0.13	-44.99	-0.0470	0.0518	0.0166	0.0245	0.0006	0.3576
63	8	1.206	0.18	-44.99	0.0341	-0.0381	0.0154	0.0272	0.0006	0.3586
63	9	1.206	0.54	-44.99	0.0940	-0.1049	0.0157	0.0309	0.0002	0.3501
63	10	1.206	1.21	-44.99	0.1601	-0.1779	0.0159	0.0310	0.0005	0.3551
63	11	1.207	2.26	-44.99	0.2967	-0.3398	0.0156	0.0327	0.0018	0.3533
63	12	1.205	4.34	-44.99	0.5761	-0.6706	0.0146	0.0427	0.0010	0.3559
63	13	1.205	0.17	-44.99	0.0300	-0.0360	0.0146	0.0270	0.0010	0.3559
64	1	1.000	4.00	-45.00	0.4565	0.4681	0.0298	0.0537	0.0001	0.1712
64	2	1.003	1.96	-44.99	-0.2082	0.2087	0.0258	0.0526	0.0002	0.1723
64	3	1.005	-0.78	-44.99	-0.0877	0.0899	0.0258	0.0267	0.0006	0.1400
64	4	1.002	-0.26	-44.99	-0.0270	0.0284	0.0252	0.0247	0.0001	0.1450
64	5	1.004	0.83	-44.99	0.0373	-0.0372	0.0249	0.0182	0.0001	0.1453
64	6	1.003	1.36	-45.00	0.1602	-0.0960	0.0262	0.0178	0.0001	0.1453
64	7	1.005	2.44	-45.00	0.2949	-0.1613	0.0238	0.0127	0.0002	0.1453
64	8	1.005	4.19	-44.99	0.5503	-0.5881	0.0366	0.0294	0.0007	0.1723
65	6	0.902	3.73	-45.00	0.3830	0.2793	0.0450	0.0735	0.0004	0.1602
65	7	0.903	1.55	-45.00	-0.1668	0.1099	0.0433	0.0591	0.0005	0.1665
65	8	0.903	-0.13	-45.00	-0.0591	0.0088	0.0464	0.0443	0.0014	0.1665
65	9	0.903	0.95	-44.99	0.0489	-0.0312	0.0539	0.0469	0.0000	0.1723
65	10	0.903	1.45	-44.99	0.0919	-0.0595	0.0479	0.0366	0.0002	0.1665
65	11	0.903	2.56	-45.00	0.1478	-0.0995	0.0438	0.0266	0.0004	0.1665
65	12	0.902	4.41	-45.00	0.2533	-0.1796	0.0461	0.0349	0.0003	0.1665
65	13	0.902	0.00	-44.99	0.4776	-0.3562	0.0491	0.0179	0.0000	0.1665
65	14	0.902	4.41	-44.99	0.0405	0.0267	0.0436	0.0328	0.0000	0.1665
66	1	0.702	3.57	-44.99	0.5529	0.3868	0.0364	0.0293	0.0000	0.1251
66	2	0.703	1.51	-44.99	-0.1543	0.1092	0.0334	0.0343	0.0001	0.1251
66	3	0.703	-0.48	-44.99	-0.0555	0.0378	0.0341	0.0354	0.0001	0.1251
66	4	0.703	0.55	-44.99	0.0478	-0.0285	0.0348	0.0267	0.0001	0.1251
66	5	0.702	1.60	-44.99	0.0583	-0.0642	0.0364	0.0266	0.0000	0.1251
66	6	0.702	2.61	-44.99	0.1454	-0.0965	0.0390	0.0246	0.0001	0.1251
66	7	0.702	4.64	-44.99	0.2457	-0.3148	0.0321	0.0127	0.0001	0.1251
66	8	0.702	0.54	-44.99	0.0335	0.0168	0.0391	0.0313	0.0017	0.1251
66	9	0.702	1.54	-44.99	0.0335	0.0168	0.0391	0.0313	0.0017	0.1251
66	10	0.702	2.54	-44.99	0.0335	0.0168	0.0391	0.0313	0.0017	0.1251

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M _c	α	φ _A	C _N	C _m	C _y	C _n	C _l	C _A
68	20	0.703	4.56	-0.00	0.2304	-0.2306	-0.0166	-0.0647	0.0046	0.9765
68	21	0.703	-2.56	-0.00	0.1124	-0.2393	-0.0073	-0.0800	0.0043	0.1059
68	22	0.703	-1.56	-0.00	0.0637	-0.1807	-0.0059	-0.0902	0.0033	0.1092
68	23	0.703	-1.06	-0.00	0.0378	-0.1529	-0.0042	-0.0917	0.0026	0.1097
68	24	0.702	-0.59	-0.00	0.0226	-0.1095	-0.0034	-0.0950	0.0029	0.1235
68	25	0.702	-0.07	-0.00	0.0190	-0.0095	-0.0056	-0.0740	0.0031	0.1245
68	26	0.703	0.55	-0.00	0.0140	0.1237	-0.0132	-0.0508	0.0028	0.1217
68	27	0.701	1.52	-0.00	0.0280	0.2552	-0.0220	-0.0113	0.0048	0.1092
68	28	0.702	3.59	-0.00	0.1314	0.3135	-0.0220	0.0013	0.0034	0.1092
68	29	0.702	-0.61	-0.00	0.0222	-0.0922	-0.0003	-0.1002	0.0034	0.1280
69	0	0.903	3.8	-0.00	0.1898	-0.3841	-0.0266	-0.0583	0.0144	0.6522
69	5	0.907	-4.41	-0.00	0.1903	-0.3814	-0.0266	-0.0581	0.0144	0.0693
69	6	0.918	-4.39	-0.00	0.1851	-0.3801	-0.0266	-0.0578	0.0144	0.0697
69	7	0.927	-4.36	-0.00	0.1843	-0.3755	-0.0262	-0.0569	0.0144	0.0743
69	8	0.902	-4.36	-0.00	0.1875	-0.3828	-0.0262	-0.0587	0.0144	0.0743
69	9	0.904	-2.56	-0.00	0.0763	-0.2753	-0.0082	-0.0902	0.0038	0.0740
69	10	0.904	-1.47	-0.00	0.0262	-0.2753	-0.0041	-0.1032	0.0030	0.0790
69	11	0.901	0.90	-0.00	0.0009	-0.1309	-0.0028	-0.1102	0.0030	0.0907
69	12	0.903	0.47	-0.00	0.0040	0.1106	-0.0048	-0.0939	0.0030	0.0979
69	13	0.902	0.06	-0.00	0.0103	0.1290	-0.0078	-0.0833	0.0030	0.0937
69	14	0.902	1.64	-0.00	0.0341	0.2906	-0.0206	-0.0532	0.0041	0.0702
69	15	0.904	3.52	-0.00	0.1320	0.3942	-0.0205	-0.0116	0.0041	0.0663
70	1	1.004	2.8	-0.00	0.1508	-0.5447	-0.0425	-0.0698	0.0033	0.7118
70	2	1.004	-2.19	-0.00	0.0513	-0.3972	-0.0258	-0.1191	0.0033	0.0993
70	3	1.004	-1.88	-0.00	0.0137	-0.3510	-0.0068	-0.1983	0.0033	0.0993
70	4	1.003	-0.35	-0.00	0.0206	-0.2584	-0.0028	-0.1105	0.0033	0.1110
70	5	1.002	0.17	-0.00	0.0306	-0.1816	-0.0044	-0.1084	0.0033	0.1109
70	6	1.001	0.60	-0.00	0.0254	-0.1332	-0.0064	-0.0533	0.0033	0.1202
70	7	1.004	1.57	-0.00	0.0330	-0.0888	-0.0178	-0.0533	0.0033	0.1216
70	8	1.003	3.62	-0.00	0.1341	0.4346	-0.0421	-0.0113	0.0012	0.1097
71	1	0.406	4.66	-0.00	0.1494	-0.809	-0.0548	-0.0328	0.0049	0.4200
71	2	0.405	-2.74	-0.00	0.0383	-0.2760	-0.0359	-0.0535	0.0049	0.1452
71	3	0.405	-1.68	-0.00	0.0310	-0.2563	-0.0359	-0.0535	0.0049	0.1523
71	4	0.405	-1.07	-0.00	0.0263	-0.2264	-0.0359	-0.0535	0.0049	0.1787
71	5	0.406	-0.77	-0.00	0.0235	-0.1643	-0.0359	-0.0535	0.0049	0.1697
71	6	0.405	0.12	-0.00	0.0959	-0.1934	-0.0517	-0.0201	0.0049	0.1650
71	7	0.405	1.26	-0.00	0.1048	0.1353	-0.0281	-0.0110	0.0049	0.1650
71	8	0.405	3.52	-0.00	0.3609	0.1353	-0.0281	-0.0110	0.0049	0.1650

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M _c	α	ϕ_A	C _N	C _π	C _Y	C _n	C _L	C _A
72	4	1.207	-4.15	-0.00	-0.1311	-0.7653	-0.0973	0.1245	-0.0153	0.5470
72	5	1.207	-2.27	-0.00	-0.0529	-0.4875	-0.0171	-0.1631	0.0034	0.1740
72	6	1.205	-1.29	-0.00	-0.0126	-0.3331	0.0016	-0.1040	-0.0030	0.1861
72	8	1.206	-0.25	-0.00	0.0194	-0.2660	0.0027	-0.0777	-0.0035	0.1927
72	9	1.205	0.27	-0.00	0.0142	-0.1848	-0.0052	-0.0192	-0.0029	0.1911
72	10	1.205	0.63	-0.00	0.0198	-0.0505	-0.0045	-0.0089	-0.0008	0.1784
72	11	1.204	1.73	-0.00	0.0317	0.2616	-0.0122	-0.0523	0.0000	0.1647
72	12	1.204	3.70	-0.00	0.1074	0.5771	-0.0803	0.1233	-0.0153	0.1647
73	1	0.901	-4.41	-0.00	-0.2084	-0.4002	-0.0516	0.0254	-0.0052	0.7107
73	2	0.902	-2.31	-0.00	-0.0728	-0.3743	-0.0258	-0.0708	-0.0039	0.0535
73	3	0.903	-1.47	-0.00	-0.0329	-0.3082	-0.0240	-0.0534	-0.0045	0.0693
73	4	0.903	-0.87	-0.00	-0.0123	-0.2278	-0.0298	-0.0647	-0.0036	0.0828
73	5	0.902	-0.45	-0.00	0.0013	-0.1542	-0.0295	-0.0431	-0.0039	0.0909
73	6	0.902	0.05	-0.00	0.0131	-0.0861	-0.0333	-0.0194	-0.0046	0.0711
73	7	0.903	0.56	-0.00	0.0405	0.2622	-0.0432	-0.0269	-0.0024	0.0731
73	8	0.903	1.53	-0.00	0.1419	0.3967	-0.0616	0.0765	0.0000	0.0731
74	1	1.004	-4.25	-0.00	-0.1942	-0.4833	-0.0302	0.0583	-0.0037	0.1049
74	2	1.002	-2.26	-0.00	-0.0678	-0.4089	-0.0168	-0.0969	-0.0036	0.0900
74	3	1.003	-1.28	-0.00	-0.0239	-0.3247	-0.0129	-0.0745	-0.0033	0.1049
74	4	1.000	-0.30	-0.00	0.0112	-0.2454	-0.0179	-0.0609	-0.0033	0.1174
74	5	1.000	0.37	-0.00	0.0087	-0.1599	-0.0149	-0.0409	-0.0033	0.1193
74	6	1.003	0.71	-0.00	0.0153	-0.1053	-0.0219	-0.0325	-0.0035	0.1236
74	7	1.001	1.62	-0.00	0.0423	0.2910	-0.0342	-0.0155	-0.0035	0.1017
74	8	1.002	3.74	-0.00	0.1465	0.4477	-0.0523	0.0775	0.0016	0.1017
75	1	1.205	-6.25	-0.00	-0.2131	-0.5450	-0.0653	0.0303	-0.0171	0.9919
75	2	1.205	-2.59	-0.00	-0.0681	-0.4611	-0.0007	-0.1470	-0.0033	0.1765
75	3	1.206	-1.64	-0.00	-0.0218	-0.3304	0.0016	-0.1069	-0.0033	0.1827
75	4	1.205	-0.89	-0.00	0.0318	-0.2265	-0.0016	-0.0699	-0.0033	0.1955
75	5	1.205	0.15	-0.00	0.0315	-0.0554	-0.0160	-0.0335	-0.0033	0.2064
75	6	1.204	0.75	-0.00	0.0241	0.0523	-0.0209	-0.0101	-0.0027	0.2015
75	7	1.205	1.72	-0.00	0.0548	0.2934	-0.0555	0.0353	0.0019	0.1671
75	8	1.205	3.72	-0.00	0.1597	0.3500	-0.0675	0.1111	0.0000	0.1671
75	9	1.205	1.72	-0.00	0.0548	0.2934	-0.0555	0.0353	0.0019	0.1671
75	10	1.205	3.72	-0.00	0.1597	0.3500	-0.0675	0.1111	0.0000	0.1671
75	11	1.205	1.72	-0.00	0.0548	0.2934	-0.0555	0.0353	0.0019	0.1671

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M _C	α	ϕ_A	C _N	C _m	C _Y	C _n	C _L	C _A
76	1	1.204	-4.24	-0.00	-0.2917	-0.3198	-0.0725	0.0897	-0.0069	0.16589
76	2	1.205	-2.29	-0.00	-0.0946	-0.4347	-0.0059	-0.1197	-0.0029	0.17775
76	3	1.204	-1.29	-0.00	-0.0290	-0.3827	-0.0158	-0.0713	-0.0030	0.17771
76	4	1.204	-0.30	-0.00	0.0208	-0.2064	-0.0180	-0.0565	-0.0029	0.20140
76	5	1.206	0.22	-0.00	0.0344	-0.0832	-0.0205	-0.0446	-0.0030	0.20762
76	6	1.204	1.72	-0.00	0.0356	0.0918	-0.0318	0.0055	-0.0027	0.20543
76	7	1.204	3.76	-0.00	0.0772	0.2581	-0.0486	0.0776	-0.0025	0.20560
76	8	1.204		-0.00	0.2559			0.2301	-0.0025	0.18600
77	4	1.206	-4.18	-0.00	-0.3221	-0.3434	-0.0200	-0.0278	-0.0019	0.19315
77	5	1.205	-2.19	-0.00	-0.1306	-0.3739	-0.0002	-0.1066	-0.0018	0.19354
77	6	1.205	-1.25	-0.00	-0.0710	-0.2705	-0.0037	-0.0632	-0.0009	0.20955
77	7	1.206	-0.21	-0.00	-0.0362	-0.1994	-0.0087	-0.0437	-0.0001	0.21449
77	8	1.204	0.26	-0.00	0.0082	-0.1081	-0.0096	-0.0609	-0.0001	0.21567
77	9	1.205	0.68	-0.00	0.0163	-0.0374	-0.0059	-0.0487	-0.0009	0.21803
77	10	1.205	1.75	-0.00	0.0989	0.0429	-0.0032	0.0291	-0.0016	0.22023
77	11	1.205	3.90	-0.00	0.2690	0.3092	-0.0135	0.0564	-0.0006	0.22038
77	12	1.205		-0.00	0.2690		-0.0291		-0.0006	0.22038
78	1	1.204	-4.24	-0.00	-0.4813	-0.3607	-0.0185	-0.0600	-0.0003	0.22360
78	2	1.204	-2.35	-0.00	-0.4632	-0.3427	-0.0194	-0.0504	-0.0000	0.22360
78	3	1.206	-1.30	-0.00	-0.2558	-0.1523	-0.0194	-0.0348	-0.0013	0.22869
78	4	1.205	-0.86	-0.00	-0.1466	-0.0708	-0.0194	-0.0273	-0.0015	0.22778
78	5	1.204	0.21	-0.00	-0.0966	-0.0385	-0.0205	-0.0217	-0.0021	0.22943
78	6	1.204	0.78	-0.00	-0.0283	-0.0279	-0.0204	-0.0195	-0.0021	0.22987
78	7	1.205	1.78	-0.00	0.0664	-0.0588	-0.0180	0.0195	-0.0022	0.22987
78	8	1.205	3.75	-0.00	0.1776	-0.1315	-0.0178	0.0171	-0.0023	0.22872
78	9	1.206		-0.00	0.3989	-0.3159	-0.0192	-0.0134	-0.0023	0.22798
79	1	1.099	-4.23	-0.00	-0.2057	-0.4765	-0.0408	-0.1465	-0.0028	0.08597
79	2	1.099	-2.29	-0.00	-0.0781	-0.4106	-0.0144	-0.0785	-0.0028	0.08597
79	3	1.004	-1.29	-0.00	-0.0369	-0.3056	-0.0156	-0.0694	-0.0018	0.09333
79	4	1.003	-0.25	-0.00	-0.0190	-0.2348	-0.0131	-0.0742	-0.0015	0.12889
79	5	1.002	0.23	-0.00	0.0115	-0.1391	-0.0195	-0.0641	-0.0017	0.12889
79	6	1.004	1.74	-0.00	0.0178	-0.1032	-0.0169	-0.0403	-0.0018	0.13007
79	7	1.001	3.72	-0.00	0.0463	0.2904	-0.0199	0.0103	-0.0025	0.12207
79	8	1.001		-0.00	0.1560	0.4516	-0.0405	0.0783	-0.0000	0.11086
80	1	1.002	-4.26	-0.00	-0.2586	-0.3925	-0.0282	-0.0401	-0.0027	0.10352
80	2	1.001	-2.22	-0.00	-0.1118	-0.3282	-0.0177	-0.0740	-0.0016	0.12100

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M_c	α	ϕ_A	C_N	C_m	C_Y	C_n	C_l	C_A
80	3	1.0004	-1.32	-0.00	-0.0671	-0.2190	-0.0236	-0.0469	-0.0018	0.12743
80	4	1.0004	-0.71	-0.00	-0.0363	-0.1439	-0.0236	-0.0412	-0.0015	0.13427
80	5	1.0003	-0.28	-0.00	-0.0121	-0.0850	-0.0227	-0.0322	-0.0016	0.13657
80	6	1.0004	0.19	-0.00	0.0105	-0.0309	-0.0227	-0.0266	-0.0017	0.13778
80	7	1.0005	0.69	-0.00	0.0313	0.0488	-0.0161	-0.0343	-0.0018	0.13957
80	8	1.0005	1.19	-0.00	0.0664	0.1864	-0.0215	-0.0130	-0.0026	0.13577
80	9	1.0003	3.72	-0.00	0.2036	0.3388	-0.0330	-0.0343	-0.0008	0.12103
81	1	1.0003	4.26	-0.00	-0.2933	-0.2940	-0.0255	-0.0535	-0.0023	0.13178
81	2	1.0003	-2.28	-0.00	-0.1448	-0.2107	-0.0246	-0.0481	-0.0012	0.13900
81	3	1.0004	-1.73	-0.00	-0.0757	-0.1333	-0.0247	-0.0321	-0.0005	0.14355
81	4	1.0004	-0.76	-0.00	-0.0481	-0.0703	-0.0260	-0.0276	-0.0001	0.14784
81	5	1.0004	0.22	-0.00	-0.0136	-0.0255	-0.0232	-0.0208	-0.0003	0.14659
81	6	1.0003	0.67	-0.00	0.0104	-0.0207	-0.0232	-0.0165	-0.0003	0.14799
81	7	1.0003	1.73	-0.00	0.1058	0.0916	-0.0196	-0.0135	-0.0007	0.14697
81	8	1.0003	3.74	-0.00	0.2433	0.2036	-0.0196	-0.0029	-0.0008	0.14107
82	1	1.0004	4.16	-0.00	-0.4346	-0.2769	-0.0324	-0.1409	-0.0019	0.16360
82	2	1.0003	-2.30	-0.00	-0.2294	-0.0445	-0.0324	-0.1009	-0.0008	0.17741
82	3	1.0003	-1.73	-0.00	-0.1267	-0.0183	-0.0336	-0.1086	-0.0010	0.17333
82	4	1.0003	-0.76	-0.00	-0.0255	-0.0086	-0.0343	-0.1266	-0.0010	0.16834
82	5	1.0003	0.22	-0.00	-0.0209	-0.0291	-0.0319	-0.1722	-0.0009	0.17827
82	6	1.0003	0.69	-0.00	0.0599	0.0429	-0.0321	-0.1926	-0.0007	0.17815
82	7	1.0005	1.73	-0.00	0.1629	0.0967	-0.0330	-0.0236	-0.0008	0.16258
83	4	0.9044	4.41	-0.00	-0.2386	-0.4204	-0.0521	-0.0598	-0.0029	0.42937
83	5	0.9043	-2.40	-0.00	-0.1053	-0.3580	-0.0148	-0.0614	-0.0013	0.45377
83	6	0.9033	-1.37	-0.00	-0.0538	-0.2448	-0.0110	-0.0669	-0.0019	0.48069
83	7	0.9033	-0.92	-0.00	-0.0396	-0.1749	-0.0097	-0.0540	-0.0015	0.49523
83	8	0.9043	0.37	-0.00	-0.0187	-0.0935	-0.0121	-0.0503	-0.0015	0.49794
83	9	0.9043	0.60	-0.00	0.0065	-0.0183	-0.0135	-0.0401	-0.0028	0.49004
83	10	0.9033	1.44	-0.00	0.0091	0.0927	-0.0155	-0.0269	-0.0025	0.49340
83	11	0.9033	3.62	-0.00	0.0413	0.2727	-0.0101	-0.0267	-0.0002	0.48852
83	12	0.9033	4.42	-0.00	0.1491	0.4375	-0.0421	-0.0817	-0.0002	0.48852
84	1	0.9022	4.37	-0.00	-0.2777	-0.3277	-0.0221	-0.0562	-0.0025	0.7368
84	2	0.9044	-2.36	-0.00	-0.1367	-0.2596	-0.0172	-0.0623	-0.0024	0.78777
84	3	0.9044	-1.06	-0.00	-0.0877	-0.1599	-0.0201	-0.0423	-0.0021	0.86423
84	4	0.9033	-0.86	-0.00	-0.0546	-0.1027	-0.0176	-0.0415	-0.0023	0.97616
84	5	0.9033	0.33	-0.00	-0.0298	-0.0540	-0.0203	-0.0438	-0.0023	1.0280

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M _c	α	ϕ_A	C _N	C _m	C _y	C _n	C _L	C _A
84	6	0.903	0.4	-0.00	-0.0107	-0.0024	-0.0146	-0.0394	-0.0024	0.1063
84	7	0.903	0.56	-0.00	0.0216	0.0513	-0.0150	-0.0374	-0.0026	0.1016
84	8	0.903	1.60	-0.00	0.0665	0.1723	-0.0133	-0.0325	-0.0025	0.1011
84	9	0.903	3.68	-0.00	0.1823	0.3414	-0.0123	-0.0052	-0.0025	0.0937
85	1	0.902	3.0	-0.00	-0.4062	0.1649	-0.0330	-0.0202	0.0113	0.1747
85	2	0.902	3.7	-0.00	-0.2207	0.0633	-0.0349	-0.0013	0.0011	0.1525
85	3	0.902	4.0	-0.00	-0.1385	0.0407	-0.0323	-0.0017	0.0003	0.1175
85	4	0.903	4.2	-0.00	-0.0968	0.0359	-0.0307	0.0045	0.0015	0.1177
85	5	0.903	4.5	-0.00	-0.0470	0.0212	-0.0274	0.0032	0.0015	0.1198
85	6	0.903	4.5	-0.00	-0.0109	0.0120	-0.0254	0.0032	0.0015	0.1171
85	7	0.903	4.5	-0.00	0.0265	0.0061	-0.0266	0.0035	0.0018	0.1171
85	8	0.902	4.5	-0.00	0.1106	-0.0111	-0.0260	0.0037	0.0012	0.1171
85	9	0.902	4.5	-0.00	0.2978	-0.0086	-0.0241	0.0114	-0.0012	0.1171
86	1	0.703	4.5	-0.00	-0.2436	0.3365	-0.0232	-0.0630	0.0233	0.0871
86	2	0.702	4.9	-0.00	-0.1118	0.3364	-0.0128	-0.0696	0.0237	0.0747
86	3	0.703	5.9	-0.00	-0.0604	0.2663	-0.0170	-0.0815	0.0220	0.0767
86	4	0.703	5.8	-0.00	-0.0363	-0.0203	-0.0063	-0.0791	0.0230	0.0943
86	5	0.703	5.2	-0.00	-0.0206	-0.0167	-0.0107	-0.0646	0.0252	0.1098
86	6	0.702	5.8	-0.00	-0.0137	0.0686	-0.0080	-0.0511	0.0237	0.1195
86	7	0.702	5.6	-0.00	0.0042	0.0689	-0.0037	-0.0448	0.0257	0.1195
86	8	0.701	5.4	-0.00	0.0169	0.4129	-0.0138	-0.0795	0.0259	0.1100
86	9	0.701	5.4	-0.00	0.1279	0.4129	-0.0138	-0.0795	0.0259	0.1100
87	1	0.703	4.7	-0.00	-0.2974	0.9533	-0.0281	-0.0439	0.0249	0.0937
87	2	0.703	4.7	-0.00	-0.1591	0.2173	-0.0089	-0.0697	0.0249	0.1152
87	3	0.704	5.9	-0.00	-0.1024	0.1392	-0.0118	-0.0502	0.0249	0.1152
87	4	0.702	5.1	-0.00	-0.0767	0.0786	-0.0111	-0.0427	0.0249	0.1152
87	5	0.702	5.4	-0.00	-0.0529	0.0304	-0.0140	-0.0297	0.0249	0.1152
87	6	0.703	5.4	-0.00	-0.0294	0.0152	-0.0143	-0.0216	0.0249	0.1152
87	7	0.701	5.4	-0.00	0.0043	0.0652	-0.0151	-0.0183	0.0249	0.1152
87	8	0.701	5.4	-0.00	0.0692	0.1610	-0.0122	-0.0111	0.0249	0.1152
87	9	0.702	5.4	-0.00	0.1672	0.3286	-0.0122	-0.0111	0.0249	0.1152
88	1	0.703	4.7	-0.00	-0.3279	0.781	-0.0163	-0.0568	0.0249	0.1152
88	2	0.703	4.7	-0.00	-0.1816	0.1243	-0.0163	-0.0568	0.0249	0.1152
88	3	0.704	5.4	-0.00	-0.1236	0.0743	-0.0163	-0.0568	0.0249	0.1152
88	4	0.703	5.1	-0.00	-0.0951	0.0433	-0.0163	-0.0568	0.0249	0.1152
88	5	0.703	5.1	-0.00	-0.0557	0.0188	-0.0163	-0.0568	0.0249	0.1152
88	6	0.702	5.1	-0.00	0.0013	0.0626	-0.0163	-0.0568	0.0249	0.1152
88	7	0.702	5.1	-0.00	0.0641	0.1260	-0.0163	-0.0568	0.0249	0.1152
88	8	0.702	5.1	-0.00	0.0641	0.1260	-0.0163	-0.0568	0.0249	0.1152
88	9	0.702	5.1	-0.00	0.0641	0.1260	-0.0163	-0.0568	0.0249	0.1152

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M_c	α	ϕ_A	C_N	C_m	C_Y	C_n	C_l	C_A
88	9	0.702	3.44	-0.00	0.1995	0.2005	-0.0186	-0.0016	-0.0044	0.11544
89	1	0.702	4.59	-0.00	0.4270	0.1683	-0.0283	-0.0351	0.0025	0.12547
89	2	0.702	-2.57	-0.00	0.2502	0.0864	-0.0233	-0.0270	0.0021	0.12623
89	3	0.701	-1.57	-0.00	0.1586	0.0591	-0.0257	-0.0163	0.0002	0.12848
89	4	0.702	-0.98	-0.00	0.1062	0.0482	-0.0236	-0.0111	0.0010	0.12938
89	5	0.702	-0.52	-0.00	0.0702	0.0376	-0.0221	-0.0028	0.0006	0.13118
89	6	0.702	0.00	-0.00	0.0392	0.0332	-0.0174	-0.0020	0.0003	0.13262
89	7	0.702	0.40	-0.00	0.0058	0.0120	-0.0117	-0.0027	0.0001	0.13253
89	8	0.703	1.56	-0.00	0.0990	0.0359	-0.0133	-0.0020	0.0013	0.12739
89	9	0.703	3.40	-0.00	0.2590	0.0439	-0.0193	-0.0057	0.0010	0.12739
89	10	0.703	-0.54	-0.00	0.0721	-0.0043	-0.0193	-0.0057	0.0010	0.12739
90	4	0.402	3.58	-0.00	0.2941	0.2329	-0.0772	0.0609	0.0042	0.14039
90	5	0.402	-2.58	-0.00	0.1341	0.1320	-0.0122	0.0551	0.0017	0.14039
90	6	0.402	-1.18	-0.00	0.0948	0.0932	-0.0138	-0.0426	0.0023	0.14039
90	7	0.402	-0.68	-0.00	0.0519	0.0397	-0.0125	-0.0296	0.0023	0.14039
90	8	0.402	-0.23	-0.00	0.0362	-0.0092	-0.0145	-0.0354	0.0023	0.14039
90	9	0.402	0.26	-0.00	0.0145	0.0056	-0.0191	-0.0304	0.0023	0.14039
90	10	0.402	1.34	-0.00	0.0626	0.1383	-0.0123	-0.0107	0.0001	0.14039
90	11	0.402	3.34	-0.00	0.1896	0.2483	-0.0232	0.0330	0.0001	0.14039
91	1	0.402	5.9	-0.00	0.335	0.524	-0.020	0.0540	0.0047	0.14591
91	2	0.402	-2.70	-0.00	0.1787	0.0964	-0.0181	-0.0340	0.0023	0.14591
91	3	0.402	-1.17	-0.00	0.1275	0.0581	-0.0157	-0.0178	0.0023	0.14591
91	4	0.402	-0.67	-0.00	0.0842	0.0294	-0.0150	-0.0111	0.0023	0.14591
91	5	0.402	-0.23	-0.00	0.0375	0.0198	-0.0123	-0.0103	0.0023	0.14591
91	6	0.402	0.27	-0.00	0.0267	0.0141	-0.0103	-0.0138	0.0023	0.14591
91	7	0.402	1.29	-0.00	0.0626	0.0378	-0.0234	-0.0133	0.0041	0.14591
91	8	0.402	3.29	-0.00	0.2215	0.0861	-0.0240	0.0111	0.0013	0.14591
91	9	0.402	5.63	-0.00	0.403	0.0990	-0.0238	0.0111	0.0013	0.14591
92	1	0.401	-2.63	-0.00	0.2354	0.3675	-0.0287	0.0285	0.0035	0.15371
92	2	0.401	-1.70	-0.00	0.1481	0.0548	-0.0251	0.0142	0.0035	0.15371
92	3	0.402	-0.70	-0.00	0.1158	0.0394	-0.0211	0.0099	0.0035	0.15371
92	4	0.402	0.23	-0.00	0.0310	0.0170	-0.0177	0.0050	0.0035	0.15371
92	5	0.402	1.32	-0.00	0.0892	0.0351	-0.0330	0.0094	0.0035	0.15371
92	6	0.401	3.21	-0.00	0.2481	0.0218	-0.0312	0.0033	0.0012	0.15371
92	7	0.401	5.21	-0.00	0.403	0.0169	-0.0322	0.0033	0.0012	0.15371
92	8	0.401	7.21	-0.00	0.621	0.0118	-0.0322	0.0033	0.0012	0.15371
92	9	0.401	9.21	-0.00	0.821	0.0118	-0.0322	0.0033	0.0012	0.15371
92	10	0.401	11.21	-0.00	1.021	0.0118	-0.0322	0.0033	0.0012	0.15371

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run Pt	M_c	α	ϕ_A	C_N	C_m	C_Y	C_n	C_l	C_A
92 10	0.400	-0.68	-0.00	-0.0786	0.0418	-0.0316	0.0058	-0.0004	0.15532
94 4	0.700	-4.47	-0.00	-0.2803	-0.2528	-0.0445	0.0354	0.0011	0.0018
94 5	0.699	-2.52	-0.00	-0.1347	-0.2224	-0.0322	-0.0341	-0.0004	0.0091
94 6	0.699	-1.50	-0.00	-0.0797	-0.1334	-0.0345	-0.0181	-0.0006	0.1024
94 7	0.698	-1.07	-0.00	-0.0556	-0.0854	-0.0338	-0.0103	-0.0008	0.1195
94 8	0.700	-0.55	-0.00	-0.0194	-0.0489	-0.0335	-0.0028	-0.0016	0.1167
94 9	0.699	-0.11	-0.00	0.0275	-0.0127	-0.0366	-0.0000	-0.0014	0.1176
94 10	0.701	0.33	-0.00	0.0853	0.1346	-0.0307	0.0177	0.0000	0.1183
94 11	0.699	1.33	-0.00	0.2053	0.2703	-0.0373	0.0448	0.0000	0.1103
94 12	0.699	3.32	-0.00	0.2053	0.2703	-0.0373	0.0448	0.0000	0.1103
95 1	0.698	4.55	-0.00	-0.2466	-0.2750	-0.0523	0.0307	0.0012	0.0596
95 2	0.699	-2.54	-0.00	-0.1029	-0.3003	-0.0317	0.0307	0.0012	0.0596
95 3	0.699	-1.54	-0.00	-0.0288	-0.2190	-0.0367	0.0134	0.0012	0.0596
95 4	0.699	-1.06	-0.00	-0.0208	-0.1597	-0.0365	0.0134	0.0012	0.0596
95 5	0.699	-0.59	-0.00	-0.0133	-0.0775	-0.0365	0.0134	0.0012	0.0596
95 6	0.700	-0.35	-0.00	0.0181	0.0328	-0.0341	0.0175	0.0012	0.0596
95 7	0.700	1.35	-0.00	0.0262	0.1318	-0.0340	0.0166	0.0012	0.0596
95 8	0.701	3.40	-0.00	0.1598	0.3772	-0.0358	0.0143	0.0012	0.0596
96 1	0.700	4.51	0.00	0.5602	0.3366	0.0544	0.0667	0.0033	0.1563
96 2	0.699	-2.41	0.00	0.2302	0.1361	0.0533	0.0307	0.0033	0.1563
96 3	0.700	-1.54	0.00	0.1472	0.0676	0.0505	0.0237	0.0033	0.1563
96 4	0.699	-1.06	0.00	0.0572	0.0498	0.0505	0.0237	0.0033	0.1563
96 5	0.700	-0.60	0.00	0.0174	0.0255	0.0505	0.0237	0.0033	0.1563
96 6	0.700	-0.11	0.00	0.0278	0.0415	0.0512	0.0237	0.0033	0.1563
96 7	0.700	0.34	0.00	0.1249	-0.0415	0.0568	0.0237	0.0033	0.1563
96 8	0.699	1.36	0.00	0.3190	0.1669	0.0562	0.0237	0.0033	0.1563
96 9	0.699	3.35	0.00	0.0570	0.0495	0.0562	0.0237	0.0033	0.1563
97 1	1.203	2.62	0.00	0.2669	0.3153	0.0667	0.0290	0.0226	0.4656
97 2	1.201	-2.22	0.00	0.1167	-0.2287	-0.0213	0.0476	0.0026	0.1651
97 3	1.201	-1.27	0.00	0.0476	-0.1813	-0.0276	0.0365	0.0026	0.1651
97 4	1.203	-0.71	0.00	0.0069	-0.1253	-0.0195	0.0268	0.0026	0.1651
97 5	1.203	0.20	0.00	0.0169	0.1008	0.0158	0.0250	0.0026	0.1651
97 6	1.203	0.64	0.00	0.0507	0.1502	0.0176	0.0250	0.0026	0.1651
97 7	1.203	1.67	0.00	0.0622	0.2779	0.0217	0.0250	0.0026	0.1651
97 8	1.203	3.64	0.00	0.0622	0.2779	0.0217	0.0250	0.0026	0.1651
97 9	1.203	5.64	0.00	0.0622	0.2779	0.0217	0.0250	0.0026	0.1651
97 10	1.203	7.64	0.00	0.0622	0.2779	0.0217	0.0250	0.0026	0.1651
97 11	1.203	9.64	0.00	0.0622	0.2779	0.0217	0.0250	0.0026	0.1651
97 12	1.203	11.64	0.00	0.0622	0.2779	0.0217	0.0250	0.0026	0.1651

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M _C	α	ϕ_A	C _N	C _m	C _y	C _D	C _L	C _A
98	1	1.204	4.16	0.00	0.3254	0.1838	0.00	0.961	0.0043	0.00
98	2	1.203	-4.21	0.00	0.1134	0.325	0.00	0.0124	0.0007	0.00
98	3	1.202	-1.243	0.00	0.0467	0.2724	0.00	0.0191	0.0010	0.00
98	4	1.201	-0.273	0.00	0.0278	0.1633	0.00	0.0077	0.0001	0.00
98	5	1.202	-0.247	0.00	0.0049	0.0660	0.00	0.0066	0.0010	0.00
98	6	1.202	0.67	0.00	0.0202	0.1618	0.00	0.0106	0.0011	0.00
98	7	1.204	1.743	0.00	0.0785	0.2357	0.00	0.0354	0.0028	0.00
98	8	1.202	3.63	0.00	0.2610	0.2357	0.00	0.031	0.0028	0.00
99	1	1.202	4.18	0.00	0.130	0.345	0.00	0.43	0.0028	0.00
99	2	1.203	-4.26	0.00	0.2127	0.297	0.00	0.016	0.0034	0.00
99	3	1.202	-1.213	0.00	0.1435	0.347	0.00	0.000	0.0037	0.00
99	4	1.202	-0.273	0.00	0.0827	0.1778	0.00	0.000	0.0033	0.00
99	5	1.202	-0.265	0.00	0.0353	0.052	0.00	0.000	0.0033	0.00
99	6	1.201	0.75	0.00	0.1012	0.144	0.00	0.000	0.0033	0.00
99	7	1.204	1.80	0.00	0.2242	0.261	0.00	0.000	0.0033	0.00
99	8	1.203	3.81	0.00	0.4679	0.2519	0.00	0.000	0.0033	0.00
99	9	1.201	-0.32	0.00	0.0257	0.087	0.00	0.000	0.0032	0.00
100	1	1.000	4.30	0.00	0.5129	0.576	0.00	0.243	0.0046	0.00
100	2	1.002	-4.33	0.00	0.2535	0.43	0.00	0.043	0.0015	0.00
100	3	1.000	-1.282	0.00	0.1809	0.338	0.00	0.043	0.0015	0.00
100	4	1.000	-0.267	0.00	0.0268	0.1662	0.00	0.043	0.0014	0.00
100	5	1.000	0.69	0.00	0.0331	0.0469	0.00	0.043	0.0014	0.00
100	6	1.001	1.68	0.00	0.0662	0.1098	0.00	0.043	0.0014	0.00
100	7	1.002	3.65	0.00	0.2045	0.2193	0.00	0.043	0.0012	0.00
100	8	1.002	-0.35	0.00	0.0217	0.066	0.00	0.043	0.0014	0.00
101	1	1.002	4.14	0.00	0.2988	0.421	0.00	0.43	0.003	0.00
101	2	1.001	-4.13	0.00	0.0541	0.357	0.00	0.065	0.003	0.00
101	3	1.002	-1.277	0.00	0.0390	0.1643	0.00	0.043	0.003	0.00
101	4	1.001	-0.265	0.00	0.0228	0.047	0.00	0.043	0.003	0.00
101	5	1.001	0.67	0.00	0.0090	0.047	0.00	0.043	0.003	0.00
101	6	1.001	1.672	0.00	0.0303	0.167	0.00	0.043	0.003	0.00
101	7	1.001	3.72	0.00	0.1504	0.257	0.00	0.043	0.003	0.00
102	1	1.002	-4.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M_c	α	ϕ_A	C_N	C_m	C_y	C_n	C_l	C_A
102	2	1.002	-2.129	0.00	-0.1306	-0.2499	-0.0213	-0.0000	0.0000	0.0000
102	3	1.000	-1.771	0.00	-0.0883	-0.1302	-0.0203	-0.0000	0.0000	0.0000
102	4	1.000	-0.301	0.00	-0.0303	-0.0622	-0.0233	-0.0000	0.0000	0.0000
102	5	1.000	-0.117	0.00	-0.0109	-0.0239	-0.0185	-0.0000	0.0000	0.0000
102	6	1.000	0.164	0.00	0.0117	0.0215	-0.0185	-0.0000	0.0000	0.0000
102	7	1.000	1.771	0.00	0.1894	0.3899	-0.0111	-0.0000	0.0000	0.0000
102	8	1.002	3.771	0.00	0.1894	0.3899	-0.0111	-0.0000	0.0000	0.0000
103	1	0.902	3.771	0.00	0.1894	0.3899	-0.0111	-0.0000	0.0000	0.0000
103	2	0.902	3.771	0.00	0.1894	0.3899	-0.0111	-0.0000	0.0000	0.0000
103	3	0.902	3.771	0.00	0.1894	0.3899	-0.0111	-0.0000	0.0000	0.0000
103	4	0.902	3.771	0.00	0.1894	0.3899	-0.0111	-0.0000	0.0000	0.0000
103	5	0.902	3.771	0.00	0.1894	0.3899	-0.0111	-0.0000	0.0000	0.0000
103	6	0.902	3.771	0.00	0.1894	0.3899	-0.0111	-0.0000	0.0000	0.0000
103	7	0.902	3.771	0.00	0.1894	0.3899	-0.0111	-0.0000	0.0000	0.0000
103	8	0.902	3.771	0.00	0.1894	0.3899	-0.0111	-0.0000	0.0000	0.0000
104	1	0.901	3.771	0.00	0.1894	0.3899	-0.0111	-0.0000	0.0000	0.0000
104	2	0.901	3.771	0.00	0.1894	0.3899	-0.0111	-0.0000	0.0000	0.0000
104	3	0.901	3.771	0.00	0.1894	0.3899	-0.0111	-0.0000	0.0000	0.0000
104	4	0.901	3.771	0.00	0.1894	0.3899	-0.0111	-0.0000	0.0000	0.0000
104	5	0.901	3.771	0.00	0.1894	0.3899	-0.0111	-0.0000	0.0000	0.0000
104	6	0.901	3.771	0.00	0.1894	0.3899	-0.0111	-0.0000	0.0000	0.0000
104	7	0.901	3.771	0.00	0.1894	0.3899	-0.0111	-0.0000	0.0000	0.0000
104	8	0.901	3.771	0.00	0.1894	0.3899	-0.0111	-0.0000	0.0000	0.0000
105	1	0.901	3.771	0.00	0.1894	0.3899	-0.0111	-0.0000	0.0000	0.0000
105	2	0.901	3.771	0.00	0.1894	0.3899	-0.0111	-0.0000	0.0000	0.0000
105	3	0.901	3.771	0.00	0.1894	0.3899	-0.0111	-0.0000	0.0000	0.0000
105	4	0.901	3.771	0.00	0.1894	0.3899	-0.0111	-0.0000	0.0000	0.0000
105	5	0.901	3.771	0.00	0.1894	0.3899	-0.0111	-0.0000	0.0000	0.0000
105	6	0.901	3.771	0.00	0.1894	0.3899	-0.0111	-0.0000	0.0000	0.0000
105	7	0.901	3.771	0.00	0.1894	0.3899	-0.0111	-0.0000	0.0000	0.0000
105	8	0.901	3.771	0.00	0.1894	0.3899	-0.0111	-0.0000	0.0000	0.0000
106	1	1.206	4.255	-4.500	-0.2701	0.3021	-0.0000	0.0000	0.0000	0.0000
106	2	1.206	4.255	-4.500	-0.2701	0.3021	-0.0000	0.0000	0.0000	0.0000
106	3	1.206	4.255	-4.500	-0.2701	0.3021	-0.0000	0.0000	0.0000	0.0000
106	4	1.206	4.255	-4.500	-0.2701	0.3021	-0.0000	0.0000	0.0000	0.0000
106	5	1.206	4.255	-4.500	-0.2701	0.3021	-0.0000	0.0000	0.0000	0.0000
106	6	1.206	4.255	-4.500	-0.2701	0.3021	-0.0000	0.0000	0.0000	0.0000
106	7	1.206	4.255	-4.500	-0.2701	0.3021	-0.0000	0.0000	0.0000	0.0000
106	8	1.206	4.255	-4.500	-0.2701	0.3021	-0.0000	0.0000	0.0000	0.0000

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M _C	α	ϕ_A	C _N	C _m	C _y	C _n	C _l	C _A
106	7	1.205	-0.71	-44.99	-0.0075	-0.2162	0.0119	-0.1069	0.0029	0.1957
106	8	1.206	-0.19	-44.99	-0.0042	-0.1283	0.0158	-0.1350	0.0016	0.2210
106	9	1.205	0.78	-44.99	-0.0021	0.1660	0.0029	-0.0473	0.0013	0.2136
106	10	1.204	0.74	-44.99	0.0524	0.2777	-0.0016	-0.0029	0.0022	0.2021
106	11	1.205	3.78	-44.99	0.2066	0.3344	-0.0019	-0.0076	0.0107	0.1794
107	1	1.002	-4.29	-44.99	-0.2293	0.4111	-0.0208	-0.0695	0.0028	0.746
107	2	1.003	-2.18	-44.99	-0.0976	0.3164	-0.0285	-0.0467	0.0029	1.033
107	3	1.001	-1.22	-44.99	-0.0453	-0.2294	-0.0235	-0.0520	0.0021	1.056
107	4	1.000	-1.77	-44.99	-0.0249	-0.1789	-0.0235	-0.0516	0.0019	1.138
107	5	1.003	-0.26	-44.99	-0.0090	-0.0319	-0.0297	-0.0491	0.0000	1.344
107	6	1.009	0.09	-45.00	-0.0021	0.0319	-0.0214	-0.0330	0.0003	1.309
107	7	1.002	0.65	-44.99	0.0153	0.2745	-0.0216	-0.0267	0.0004	1.309
107	8	1.003	1.76	-44.99	0.1673	0.3948	-0.0145	-0.0377	0.0018	1.167
108	1	0.901	3.35	-45.00	0.2327	0.3666	-0.0337	-0.0622	0.0016	0.620
108	2	0.901	3.27	-45.00	0.1127	0.2777	-0.0372	-0.0337	0.0000	0.706
108	3	0.900	-1.08	-45.00	0.0527	0.1963	-0.0245	-0.0459	0.0005	0.876
108	4	0.900	0.41	-45.00	0.0354	0.1430	-0.0247	-0.0539	0.0017	0.923
108	5	0.901	0.55	-45.00	0.0102	0.0660	-0.0282	-0.0340	0.0023	0.946
108	6	0.902	1.35	-45.00	0.0581	0.1214	-0.0261	-0.0243	0.0026	0.979
108	7	0.900	3.56	-45.00	0.1783	0.3539	-0.0110	-0.0493	0.0006	0.706
109	1	0.903	3.37	-44.99	0.4195	0.2460	-0.0540	-0.0104	0.0005	0.294
109	2	0.901	3.42	-44.99	0.2099	0.0639	-0.0503	-0.0164	0.0026	0.405
109	3	0.902	-1.08	-44.99	0.1174	0.0145	-0.0455	-0.0167	0.0020	0.405
109	4	0.900	0.46	-44.99	0.0603	0.0003	-0.0406	-0.0061	0.0020	0.405
109	5	0.902	0.52	-44.99	0.0359	-0.0070	-0.0363	-0.0043	0.0020	0.405
109	6	0.901	1.56	-44.99	0.0403	0.0035	-0.0345	-0.0060	0.0016	0.405
109	7	0.901	3.46	-44.99	0.1254	0.0255	-0.0360	-0.0106	0.0017	0.294
109	8	0.899	-0.46	-44.99	0.3528	-0.1751	-0.0437	-0.0350	0.0012	0.127
110	1	1.002	-4.19	-44.99	-0.4874	0.7719	-0.0645	-0.0445	0.0021	0.209
110	2	1.000	-2.31	-44.99	-0.2579	0.2490	-0.0561	-0.0394	0.0020	0.209
110	3	1.002	-1.08	-44.99	-0.1541	0.1446	-0.0544	-0.0382	0.0009	0.209
110	4	1.002	0.95	-44.99	0.1901	0.0808	-0.0518	-0.0379	0.0004	0.179

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M_c	α	ϕ_A	C_N	C_m	C_Y	C_n	C_x	C_A
110	5	1.002	-0.308	-44.99	-0.0285	0.0189	-0.0483	0.0397	0.0042	0.19948
110	6	1.002	-0.280	-44.99	-0.0231	0.0155	-0.0508	0.0391	0.0041	0.19940
110	7	1.002	0.270	-44.99	0.0815	-0.0664	-0.0320	0.0432	0.0043	0.19976
110	8	1.003	1.68	-44.99	0.1902	-0.1955	-0.0480	0.0505	0.0035	0.19105
110	9	1.003	3.77	-44.99	0.4282	-0.4248	-0.0480	0.0522	0.0046	0.19413
110	10	1.001	-0.33	-44.99	-0.0230	0.0142	-0.0515	0.0440	0.0046	0.20413
111	1	1.204	2.13	-44.99	0.4975	0.0580	0.0310	0.0669	0.0047	0.25756
111	2	1.206	-1.18	-44.99	0.2474	0.1179	0.0320	0.0226	0.0049	0.25350
111	3	1.205	-0.62	-44.99	0.1293	0.0581	0.0271	0.0440	0.0049	0.24603
111	4	1.205	-0.22	-44.99	0.0721	0.0338	0.0230	0.0710	0.0049	0.24603
111	5	1.206	0.75	-44.99	0.1725	0.0643	0.0309	0.0646	0.0051	0.24603
111	6	1.205	0.81	-44.99	0.1045	0.1321	0.0310	0.0125	0.0052	0.24603
111	7	1.205	3.80	-44.99	0.4654	-0.2534	-0.0380	0.0000	0.0030	0.24603
111	8	1.205	-0.26	-44.99	0.0140	0.0037	-0.0380	0.0000	0.0030	0.24603
113	4	1.253	1.8	-0.00	0.5216	0.0578	0.0551	0.1271	0.0066	0.27603
113	5	1.254	-1.12	-0.00	0.2210	0.0602	0.0551	0.1069	0.0066	0.27603
113	6	1.254	-0.69	-0.00	0.1085	0.0227	0.0519	0.0974	0.0066	0.27603
113	7	1.254	-0.26	-0.00	0.0815	0.0159	0.0519	0.1101	0.0066	0.27603
113	8	1.255	1.73	-0.00	0.0561	0.0399	0.0519	0.0620	0.0066	0.27603
113	9	1.255	3.78	-0.00	0.1970	0.2415	0.0214	0.0306	0.0066	0.27603
113	10	1.253	-0.27	-0.00	0.3518	0.0036	-0.0184	0.0520	0.0066	0.27603
114	1	1.254	2.17	-0.00	0.5067	0.1024	0.1526	0.2820	0.0066	0.27603
114	2	1.254	-1.18	-0.00	0.2157	0.1019	0.1526	0.2620	0.0066	0.27603
114	3	1.254	-0.70	-0.00	0.1230	0.0779	0.1526	0.2470	0.0066	0.27603
114	4	1.255	0.19	-0.00	0.0805	0.0425	0.1526	0.2095	0.0066	0.27603
114	5	1.254	0.33	-0.00	0.0698	0.1114	0.1526	0.1512	0.0066	0.27603
114	6	1.254	1.87	-0.00	0.0252	0.1896	0.1526	0.0664	0.0066	0.27603
114	7	1.255	3.87	-0.00	0.1535	0.2294	0.0203	0.0000	0.0066	0.27603
114	8	1.255	-0.27	-0.00	0.3673	0.0054	-0.0203	0.0000	0.0066	0.27603
115	1	1.255	2.46	-0.00	0.6203	0.1553	0.4077	0.0230	0.0066	0.27603
115	2	1.254	-1.18	-0.00	0.3193	0.2678	0.4077	0.0230	0.0066	0.27603
115	3	1.255	-0.70	-0.00	0.1722	0.1553	0.4077	0.0230	0.0066	0.27603

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M_c	α	ϕ_A	C_N	C_m	C_Y	C_x	C_z	C_A
115	5	1.2554	-0.26	-0.00	-0.0453	0.0459	-0.0427	-0.0010	0.0010	0.0010
115	6	1.2555	-0.30	-0.00	-0.0213	-0.0488	-0.0421	-0.0015	0.0015	0.0015
115	7	1.2553	0.80	-0.00	0.0895	-0.0114	-0.0438	-0.0020	0.0020	0.0020
115	8	1.2554	1.75	-0.00	0.2147	-0.0216	-0.0381	-0.0025	0.0025	0.0025
115	9	1.2554	3.75	-0.00	0.4997	-0.0515	-0.0410	-0.0033	0.0033	0.0033
115	10	1.2554	5.85	-0.00	0.8367	-0.0932	-0.0388	-0.0040	0.0040	0.0040
115	11	1.2554	-0.27	-0.00	-0.0430	0.0005	-0.0462	-0.0010	0.0010	0.0010
116	4	1.197	-4.30	0.00	-0.2929	-0.4286	-0.0918	0.0099	0.0099	0.0099
116	5	1.2045	-2.15	-0.00	-0.1644	-0.1628	-0.0150	0.0038	0.0038	0.0038
116	6	1.2055	-1.75	-0.00	-0.0753	-0.1543	-0.0228	0.0034	0.0034	0.0034
116	7	1.2055	-0.19	-0.00	-0.0457	-0.1431	-0.0128	0.0037	0.0037	0.0037
116	8	1.2055	0.14	-0.00	-0.0107	-0.1083	-0.0119	0.0018	0.0018	0.0018
116	9	1.2054	0.77	-0.00	0.0123	0.0515	-0.0048	0.0023	0.0023	0.0023
116	10	1.204	1.77	-0.00	0.1030	0.1312	-0.0019	0.0013	0.0013	0.0013
116	11	1.204	3.75	-0.00	0.3021	0.1166	0.0241	0.0023	0.0023	0.0023
117	1	1.203	0.8	0.00	-0.5836	0.5621	-0.0338	0.0015	0.0015	0.0015
117	2	1.204	-2.09	0.00	-0.2874	0.2515	-0.0309	0.0002	0.0002	0.0002
117	3	1.204	-1.13	0.00	-0.1586	0.1446	-0.0287	0.0000	0.0000	0.0000
117	4	1.204	-0.21	0.00	-0.1084	0.1727	-0.0283	0.0000	0.0000	0.0000
117	5	1.204	0.21	0.00	0.0111	0.0254	-0.0289	0.0000	0.0000	0.0000
117	6	1.204	0.70	0.00	0.0798	0.0255	-0.0289	0.0000	0.0000	0.0000
117	7	1.205	1.82	0.00	0.2208	0.0613	-0.0256	0.0000	0.0000	0.0000
117	8	1.206	3.74	-0.00	0.4965	-0.0973	-0.0260	0.0001	0.0001	0.0001
117	9	1.206	-0.26	-0.00	-0.0413	0.0181	-0.0260	0.0000	0.0000	0.0000
118	4	1.206	-4.28	0.00	-0.4186	-0.0391	-0.0926	0.0026	0.0026	0.0026
118	5	1.206	-2.16	-0.00	-0.1949	-0.1357	-0.0322	0.0027	0.0027	0.0027
118	6	1.206	-1.51	-0.00	-0.0895	-0.1661	-0.0268	0.0025	0.0025	0.0025
118	7	1.206	-0.26	-0.00	-0.0416	-0.1504	-0.0268	0.0025	0.0025	0.0025
118	8	1.206	0.26	0.00	0.0238	0.0986	-0.0189	0.0025	0.0025	0.0025
118	9	1.204	1.78	0.00	0.0238	0.0986	-0.0189	0.0025	0.0025	0.0025
118	10	1.205	3.75	-0.00	0.3774	0.1375	0.0112	0.0025	0.0025	0.0025
118	11	1.205	-4.16	-0.00	-0.4827	-0.1605	-0.0925	0.0022	0.0022	0.0022
119	1	1.206	-2.16	-0.00	-0.1949	-0.1357	-0.0268	0.0025	0.0025	0.0025
119	2	1.205	-1.28	-0.00	-0.1074	-0.1727	-0.0289	0.0000	0.0000	0.0000
119	3	1.205	-0.77	-0.00	-0.0558	-0.1141	-0.0289	0.0000	0.0000	0.0000

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M_c	α	ϕ_A	C_N	C_m	C_Y	C_n	C_l	C_A
119	5	1.206	-0.19	-0.00	-0.0137	-0.0094	-0.0190	-0.0261	-0.0027	0.35486
119	6	1.205	0.14	-0.00	0.0072	-0.0095	-0.0177	-0.0310	0.0027	0.35619
119	7	1.205	0.77	-0.00	0.0430	0.0842	-0.0235	-0.0006	-0.0033	0.35467
119	8	1.205	1.79	-0.00	0.1335	0.1265	-0.0194	-0.0019	-0.0035	0.35709
119	9	1.205	3.80	-0.00	0.3887	-0.0866	0.0153	-0.0119	-0.0048	0.35309
120	1	1.206	-4.11	-0.00	-0.4762	0.521	-0.0399	0.0216	-0.0016	0.24823
120	2	1.206	-1.15	-0.00	-0.2194	-0.1179	-0.0278	-0.0186	-0.0012	0.24823
120	3	1.206	-1.18	-0.00	-0.1173	-0.0104	-0.0212	-0.0029	-0.0022	0.24823
120	4	1.206	-0.76	-0.00	-0.0803	-0.0851	-0.0200	-0.0031	-0.0023	0.24823
120	5	1.205	-0.19	-0.00	-0.0230	-0.0458	-0.0191	-0.0035	-0.0033	0.24823
120	6	1.205	0.22	-0.00	0.0140	-0.0113	-0.0244	-0.0032	-0.0034	0.24823
120	7	1.205	0.72	-0.00	0.0644	-0.0113	-0.0268	-0.0170	-0.0036	0.24823
120	8	1.205	1.80	-0.00	0.1705	-0.0240	-0.0268	0.0025	-0.0030	0.24823
120	9	1.205	3.77	-0.00	0.3887	-0.0187	-0.0270	0.0025	-0.0030	0.24823
121	1	1.003	-4.22	-0.00	-0.3671	0.691	-0.0519	0.5397	-0.0029	0.89510
121	2	1.003	-1.31	-0.00	-0.1621	-0.1635	-0.0263	-0.0124	-0.0022	0.89510
121	3	1.003	-0.73	-0.00	-0.0851	-0.1235	-0.0257	-0.0032	-0.0023	0.89510
121	4	1.003	-0.27	-0.00	-0.0151	-0.0713	-0.0197	-0.0034	-0.0034	0.89510
121	5	1.003	0.11	-0.00	0.0098	-0.0143	-0.0165	-0.0049	-0.0034	0.89510
121	6	1.003	0.67	-0.00	0.0848	-0.0544	-0.0257	-0.0028	-0.0034	0.89510
121	7	1.003	1.67	-0.00	0.2848	0.1015	-0.0118	0.0022	-0.0034	0.89510
121	8	1.003	3.21	-0.00	0.6719	-0.0691	-0.0519	0.5397	-0.0029	0.89510
121	9	1.003	4.55	-0.00	1.003	-0.1635	-0.0263	-0.0124	-0.0022	0.89510
122	1	1.003	-4.22	-0.00	-0.3671	0.691	-0.0519	0.5397	-0.0029	0.89510
122	2	1.003	-1.31	-0.00	-0.1621	-0.1635	-0.0263	-0.0124	-0.0022	0.89510
122	3	1.003	-0.73	-0.00	-0.0851	-0.1235	-0.0257	-0.0032	-0.0023	0.89510
122	4	1.003	-0.27	-0.00	-0.0151	-0.0713	-0.0197	-0.0034	-0.0034	0.89510
122	5	1.003	0.11	-0.00	0.0098	-0.0143	-0.0165	-0.0049	-0.0034	0.89510
122	6	1.003	0.67	-0.00	0.0848	-0.0544	-0.0257	-0.0028	-0.0034	0.89510
122	7	1.003	1.67	-0.00	0.2848	0.1015	-0.0118	0.0022	-0.0034	0.89510
122	8	1.003	3.21	-0.00	0.6719	-0.0691	-0.0519	0.5397	-0.0029	0.89510
122	9	1.003	4.55	-0.00	1.003	-0.1635	-0.0263	-0.0124	-0.0022	0.89510
123	1	1.003	-4.22	-0.00	-0.3671	0.691	-0.0519	0.5397	-0.0029	0.89510
123	2	1.003	-1.31	-0.00	-0.1621	-0.1635	-0.0263	-0.0124	-0.0022	0.89510
123	3	1.003	-0.73	-0.00	-0.0851	-0.1235	-0.0257	-0.0032	-0.0023	0.89510
123	4	1.003	-0.27	-0.00	-0.0151	-0.0713	-0.0197	-0.0034	-0.0034	0.89510
123	5	1.003	0.11	-0.00	0.0098	-0.0143	-0.0165	-0.0049	-0.0034	0.89510
123	6	1.003	0.67	-0.00	0.0848	-0.0544	-0.0257	-0.0028	-0.0034	0.89510
123	7	1.003	1.67	-0.00	0.2848	0.1015	-0.0118	0.0022	-0.0034	0.89510
123	8	1.003	3.21	-0.00	0.6719	-0.0691	-0.0519	0.5397	-0.0029	0.89510
123	9	1.003	4.55	-0.00	1.003	-0.1635	-0.0263	-0.0124	-0.0022	0.89510
124	1	1.003	-4.22	-0.00	-0.3671	0.691	-0.0519	0.5397	-0.0029	0.89510
124	2	1.003	-1.31	-0.00	-0.1621	-0.1635	-0.0263	-0.0124	-0.0022	0.89510
124	3	1.003	-0.73	-0.00	-0.0851	-0.1235	-0.0257	-0.0032	-0.0023	0.89510
124	4	1.003	-0.27	-0.00	-0.0151	-0.0713	-0.0197	-0.0034	-0.0034	0.89510
124	5	1.003	0.11	-0.00	0.0098	-0.0143	-0.0165	-0.0049	-0.0034	0.89510
124	6	1.003	0.67	-0.00	0.0848	-0.0544	-0.0257	-0.0028	-0.0034	0.89510
124	7	1.003	1.67	-0.00	0.2848	0.1015	-0.0118	0.0022	-0.0034	0.89510
124	8	1.003	3.21	-0.00	0.6719	-0.0691	-0.0519	0.5397	-0.0029	0.89510
124	9	1.003	4.55	-0.00	1.003	-0.1635	-0.0263	-0.0124	-0.0022	0.89510

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M _c	α	ϕ_A	C _N	C _m	C _y	C _D	C _L	C _A
123	8	1.003	1.78	-0.00	0.1613	-0.0212	-0.0276	0.0087	-0.0043	0.16899
123	9	1.004	3.69	-0.00	0.3595	-0.0660	-0.0300	0.0159	-0.0056	0.15732
124	1	1.001	4.21	-0.00	0.5127	0.2965	-0.0496	0.0206	-0.0037	0.15300
124	2	1.003	2.18	-0.00	0.2582	0.1097	-0.0388	0.0033	-0.0030	0.15716
124	3	1.002	-2.35	-0.00	0.1649	0.0656	-0.0419	0.0018	-0.0039	0.17616
124	4	1.005	-1.02	-0.00	0.1925	0.0224	-0.0429	0.0016	-0.0039	0.17603
124	5	1.004	-0.22	-0.00	0.0355	-0.0145	-0.0410	0.0047	-0.0040	0.18038
124	6	1.003	0.06	-0.00	0.0190	-0.0485	-0.0423	0.0033	-0.0037	0.17603
124	7	1.004	1.73	-0.00	0.0610	-0.0631	-0.0400	0.0033	-0.0040	0.17497
124	8	1.002	1.73	-0.00	0.1833	-0.0123	-0.0331	0.0033	-0.0040	0.17005
124	9	1.004	3.70	-0.00	0.4317	-0.0306	-0.0309	0.0021	-0.0049	0.17200
125	1	1.003	2.1	-0.00	0.6131	0.6753	-0.0534	0.0346	-0.0019	0.25233
125	2	1.004	-2.30	-0.00	0.3273	0.3326	-0.0519	0.0446	-0.0015	0.24243
125	3	1.004	-1.78	-0.00	0.1690	0.1632	-0.0519	0.0446	-0.0015	0.24243
125	4	1.001	-0.30	-0.00	0.1166	0.1069	-0.0519	0.0446	-0.0015	0.24243
125	5	1.006	-0.17	-0.00	0.0144	0.0362	-0.0519	0.0446	-0.0015	0.24243
125	6	1.005	0.14	-0.00	0.0786	-0.0105	-0.0488	0.0567	-0.0022	0.24243
125	7	1.004	1.71	-0.00	0.2191	-0.0511	-0.0448	0.0567	-0.0022	0.24243
125	8	1.006	-0.32	-0.00	0.5101	-0.0294	-0.0450	0.0567	-0.0022	0.24243
125	9	1.007	-0.32	-0.00	0.1450	-0.0294	-0.0450	0.0567	-0.0022	0.24243
126	4	0.903	3.36	-0.00	0.5990	0.6262	-0.0431	0.0212	-0.0017	0.16045
126	5	0.903	-2.29	-0.00	0.3121	0.3001	-0.0431	0.0212	-0.0017	0.16045
126	6	0.903	-1.02	-0.00	0.1788	0.1184	-0.0431	0.0212	-0.0017	0.16045
126	7	0.904	-0.39	-0.00	0.0604	0.0515	-0.0431	0.0212	-0.0017	0.16045
126	8	0.903	0.16	-0.00	0.0484	0.0114	-0.0431	0.0212	-0.0017	0.16045
126	9	0.902	0.54	-0.00	0.0585	-0.0266	-0.0431	0.0212	-0.0017	0.16045
126	10	0.904	3.66	-0.00	0.4764	-0.0495	-0.0431	0.0212	-0.0017	0.16045
126	11	0.902	-0.44	-0.00	0.0595	0.0511	-0.0431	0.0212	-0.0017	0.16045
127	1	0.903	3.7	-0.00	0.4377	0.7373	-0.0534	0.0346	-0.0019	0.25233
127	2	0.904	-2.40	-0.00	0.2195	0.3326	-0.0519	0.0446	-0.0015	0.24243
127	3	0.903	-1.87	-0.00	0.1808	0.1632	-0.0519	0.0446	-0.0015	0.24243
127	4	0.903	-0.41	-0.00	0.0404	0.0230	-0.0431	0.0212	-0.0017	0.16045
127	5	0.903	0.35	-0.00	0.0080	-0.0046	-0.0431	0.0212	-0.0017	0.16045
127	6	0.903	1.63	-0.00	0.1100	0.1005	-0.0431	0.0212	-0.0017	0.16045
127	7	0.904	-0.55	-0.00	0.0110	0.0100	-0.0431	0.0212	-0.0017	0.16045
127	8	0.904	1.63	-0.00	0.1100	0.1005	-0.0431	0.0212	-0.0017	0.16045

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M_c	α	ϕ_A	C_N	C_m	C_Y	C_n	C_l	C_A
127	9	0.904	3.60	-0.00	0.3118	0.0153	-0.0254	0.0108	-0.0056	0.11509
128	1	0.903	-4.35	-0.00	-0.4712	0.1789	-0.0440	0.0124	-0.0030	0.10763
128	2	0.903	-1.36	-0.00	-0.2385	0.0304	-0.0379	-0.0067	-0.0037	0.11757
128	3	0.904	-1.38	-0.00	-0.1408	0.0040	-0.0368	0.0067	-0.0037	0.12474
128	4	0.904	-0.83	-0.00	-0.0920	-0.0003	-0.0374	0.0107	-0.0038	0.12374
128	5	0.903	-0.41	-0.00	-0.0463	-0.0049	-0.0353	0.0111	-0.0044	0.12703
128	6	0.903	0.05	-0.00	-0.0037	-0.0080	-0.0353	0.0110	-0.0041	0.12703
128	7	0.905	0.59	-0.00	0.0383	-0.0028	-0.0262	0.0048	-0.0039	0.12812
128	8	0.903	1.56	-0.00	0.1316	-0.0013	-0.0262	0.0047	-0.0039	0.12812
128	10	0.903	3.62	-0.00	0.3437	-0.0070	-0.0221	0.0037	-0.0035	0.12812
129	1	0.703	4.42	-0.00	0.4775	0.2073	0.0400	0.0035	-0.0018	0.10004
129	2	0.703	-2.54	-0.00	-0.2495	0.0608	-0.0342	0.0077	-0.0023	0.13260
129	3	0.704	-1.08	-0.00	-0.1617	0.0259	-0.0330	0.0029	-0.0026	0.13566
129	4	0.704	-0.52	-0.00	-0.1174	0.0222	-0.0324	0.0032	-0.0034	0.14114
129	5	0.703	-0.08	-0.00	-0.0635	0.0135	-0.0299	0.0018	-0.0036	0.14769
129	6	0.704	0.02	-0.00	-0.0255	0.0077	-0.0225	0.0018	-0.0032	0.14827
129	7	0.703	0.42	-0.00	0.0178	0.0102	-0.0308	0.0192	-0.0028	0.14302
129	8	0.703	1.50	-0.00	0.1213	0.0043	-0.0263	0.0178	-0.0034	0.13916
129	9	0.705	3.44	-0.00	0.3192	-0.0066	-0.0288	0.0327	-0.0034	0.13916
130	1	0.703	4.85	-0.00	0.5109	0.3146	0.0353	0.0103	-0.0026	0.13257
130	2	0.703	-2.44	-0.00	-0.2776	0.1457	-0.0272	0.0086	-0.0029	0.14755
130	3	0.703	-1.08	-0.00	-0.1780	0.0932	-0.0262	0.0010	-0.0031	0.15036
130	4	0.702	-0.50	-0.00	-0.1316	0.0660	-0.0267	0.0080	-0.0032	0.15681
130	5	0.703	-0.07	-0.00	-0.0668	0.0349	-0.0277	0.0043	-0.0026	0.15353
130	6	0.702	0.42	-0.00	0.0273	0.0198	-0.0250	0.0083	-0.0024	0.15353
130	7	0.703	1.52	-0.00	0.1336	-0.0049	-0.0302	0.0152	-0.0030	0.14423
130	8	0.703	3.47	-0.00	0.3548	-0.0189	-0.0212	0.0232	-0.0030	0.14423
131	1	0.703	5.38	-0.00	0.6123	0.5821	0.0403	0.0103	-0.0027	0.16923
131	2	0.703	-2.55	-0.00	-0.3423	0.2102	-0.0321	0.0079	-0.0017	0.17818
131	3	0.704	-1.02	-0.00	-0.2251	0.1028	-0.0336	0.0168	-0.0014	0.18048
131	4	0.704	-0.49	-0.00	-0.1453	0.0577	-0.0359	0.0230	-0.0005	0.18019
131	5	0.703	0.06	-0.00	-0.0841	0.0280	-0.0315	0.0297	-0.0007	0.17996
131	6	0.703	0.46	-0.00	0.0317	0.0167	-0.0372	0.0343	-0.0017	0.17882
131	7	0.704	1.58	-0.00	0.1513	-0.0079	-0.0339	0.0543	-0.0014	0.17068
131	8	0.703	3.55	-0.00	0.4188	-0.0379	-0.0332	0.0543	-0.0014	0.17068
131	9	0.703	5.38	-0.00	0.6123	0.5821	0.0403	0.0103	-0.0027	0.16923

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M _c	α	ϕ_A	C _N	C _m	C _y	C _n	C _l	C _A
132	4	0.402	-4.67	-0.00	0.5504	0.4827	-0.0335	0.0179	-0.0043	0.1930
132	5	0.402	-2.61	-0.00	0.2643	0.1165	-0.0367	0.0170	-0.0035	0.1930
132	6	0.402	-1.70	-0.00	0.1673	0.0747	-0.0466	0.0371	-0.0022	0.1930
132	7	0.405	-1.20	-0.00	0.1147	0.0327	-0.0506	0.0460	-0.0007	0.1930
132	8	0.404	-0.66	-0.00	0.0614	0.0008	-0.0433	0.0359	-0.0009	0.1930
132	9	0.404	-0.27	-0.00	0.0098	-0.0041	-0.0388	0.0510	-0.0013	0.1930
132	10	0.404	1.20	-0.00	0.1521	-0.1321	-0.0426	0.0379	-0.0023	0.1930
132	11	0.404	3.35	-0.00	0.4085	-0.3572	-0.0450	0.0684	-0.0005	0.1930
132	12	0.404	-0.69	-0.00	0.0513	0.0274	-0.0400	0.0344	-0.0005	0.1930
132	13	0.404	-4.75	-0.00	0.4243	0.2176	-0.0319	0.0170	-0.0062	0.1930
133	1	0.401	-2.75	-0.00	0.2283	0.0614	-0.0072	0.0503	-0.0051	0.1760
133	2	0.402	-1.19	-0.00	0.1255	0.0054	-0.0076	0.0293	-0.0053	0.1760
133	3	0.403	-0.73	-0.00	0.0877	-0.0020	-0.0052	0.0251	-0.0055	0.1760
133	4	0.404	-0.27	-0.00	0.0454	0.0023	-0.0083	0.0236	-0.0059	0.1760
133	5	0.404	0.14	-0.00	0.0306	0.0058	-0.0144	0.0199	-0.0061	0.1760
133	6	0.403	1.37	-0.00	0.0006	0.0090	-0.0066	0.0080	-0.0051	0.1760
133	7	0.404	3.32	-0.00	0.2452	0.0359	-0.0085	0.0079	-0.0043	0.1760
133	8	0.404	-4.68	-0.00	0.5254	0.3896	-0.0373	0.0172	-0.0077	0.1760
133	9	0.402	-2.72	-0.00	0.3042	0.1192	-0.0332	0.0083	-0.0069	0.1760
133	10	0.402	-1.29	-0.00	0.1800	0.0836	-0.0280	0.0063	-0.0069	0.1760
133	11	0.403	-0.69	-0.00	0.0988	0.0350	-0.0267	0.0224	-0.0075	0.1760
133	12	0.404	-0.24	-0.00	0.0372	0.0016	-0.0292	0.0187	-0.0022	0.1760
133	13	0.405	1.17	-0.00	0.0008	0.0292	-0.0214	0.0178	-0.0031	0.1760
133	14	0.403	3.32	-0.00	0.3315	-0.1957	-0.0331	0.0371	-0.0051	0.1760
134	1	0.402	-4.68	-0.00	0.5254	0.3896	-0.0373	0.0172	-0.0077	0.1760
134	2	0.402	-2.72	-0.00	0.3042	0.1192	-0.0332	0.0083	-0.0069	0.1760
134	3	0.402	-1.29	-0.00	0.1800	0.0836	-0.0280	0.0063	-0.0069	0.1760
134	4	0.403	-0.69	-0.00	0.0988	0.0350	-0.0267	0.0224	-0.0075	0.1760
134	5	0.404	-0.24	-0.00	0.0008	0.0292	-0.0214	0.0178	-0.0031	0.1760
134	6	0.403	1.17	-0.00	0.3315	-0.1957	-0.0331	0.0371	-0.0051	0.1760
134	7	0.402	3.32	-0.00	0.5254	0.3896	-0.0373	0.0172	-0.0077	0.1760
134	8	0.402	-4.68	-0.00	0.3042	0.1192	-0.0332	0.0083	-0.0069	0.1760
134	9	0.402	-2.72	-0.00	0.1800	0.0836	-0.0280	0.0063	-0.0069	0.1760
134	10	0.403	-1.29	-0.00	0.0988	0.0350	-0.0267	0.0224	-0.0075	0.1760
134	11	0.404	-0.69	-0.00	0.0008	0.0292	-0.0214	0.0178	-0.0031	0.1760
134	12	0.403	1.17	-0.00	0.3315	-0.1957	-0.0331	0.0371	-0.0051	0.1760
134	13	0.402	3.32	-0.00	0.5254	0.3896	-0.0373	0.0172	-0.0077	0.1760
135	1	0.555	-4.16	-0.00	0.7693	1.1203	-0.0799	0.2355	-0.0030	0.1835
135	2	0.555	-2.08	-0.00	0.3043	0.5979	-0.0273	0.1746	-0.0036	0.1835
135	3	0.555	-1.25	-0.00	0.0301	0.2265	-0.0275	0.1732	-0.0039	0.1835
135	4	0.555	-0.33	-0.00	0.0001	0.1484	-0.0261	0.1618	-0.0039	0.1835
135	5	0.555	0.66	-0.00	0.0108	0.0541	-0.0060	0.0912	-0.0026	0.1835
135	6	0.555	1.83	-0.00	0.0052	0.1912	-0.0033	0.0817	-0.0003	0.1835
135	7	0.555	3.84	-0.00	0.0392	0.3787	-0.0045	0.0147	-0.0007	0.1835
135	8	0.555	-4.19	-0.00	0.0634	0.9470	-0.0415	0.0182	-0.0007	0.1835
135	9	0.555	-2.15	-0.00	0.3082	0.2770	-0.1189	0.3631	-0.0144	0.2056
135	10	0.555	-1.37	-0.00	0.1375	0.2318	-0.1029	0.0884	-0.0056	0.2056

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M_c	α	ϕ_A	C_N	C_m	C_Y	C_x	C_l	C_A
137	3	1.253	-1.094	-0.00	-0.0568	-0.1933	-0.0066	-0.0461	-0.0040	0.0551
137	4	1.253	-0.022	-0.00	-0.0285	-0.1520	-0.0043	-0.0049	-0.0047	0.2101
137	5	1.254	0.028	-0.00	-0.0056	-0.1783	-0.0020	-0.0061	-0.0037	0.2196
137	6	1.254	0.080	-0.00	-0.0001	-0.0415	-0.0048	-0.0084	-0.0034	0.2241
137	7	1.253	1.748	-0.00	0.0250	0.1252	-0.0111	-0.0274	-0.0010	0.2190
137	8	1.255	3.778	0.00	0.3205	0.1482	-0.0139	-0.0085	-0.0012	0.2021
137	9	1.255		0.00	0.3205	-0.0086	-0.0411	0.1118	-0.0067	0.2217
138	1	1.253	4.240	-0.00	-0.6103	0.9483	-0.0337	0.0017	-0.0029	0.2823
138	2	1.254	-2.121	-0.00	-0.2969	0.4017	-0.0294	0.0097	-0.0027	0.2535
138	3	1.255	-1.264	-0.00	-0.1669	0.1939	-0.0262	0.0130	-0.0026	0.2794
138	4	1.255	-0.231	-0.00	-0.0817	0.0610	-0.0275	0.0223	-0.0021	0.2788
138	5	1.254	0.075	-0.00	0.0533	-0.0249	-0.0266	0.0268	-0.0010	0.2752
138	6	1.255	1.811	-0.00	0.1110	-0.0459	-0.0254	0.0350	-0.0014	0.2759
138	7	1.253	3.777	-0.00	0.2579	-0.0460	-0.0282	0.0419	-0.0016	0.2749
138	8	1.253	-0.227	-0.00	-0.0237	-0.0338	-0.0266	0.0219	-0.0024	0.2748
139	1	1.204	4.158	-0.00	-0.5910	0.9371	-0.0354	0.0171	-0.0037	0.2340
139	2	1.205	-2.118	-0.00	-0.2925	0.4267	-0.0321	0.0055	-0.0024	0.2562
139	3	1.204	-1.162	-0.00	-0.1531	0.2072	-0.0328	0.0026	-0.0024	0.2761
139	4	1.204	-0.225	-0.00	-0.0789	0.0967	-0.0359	0.0037	-0.0021	0.2740
139	5	1.204	0.026	-0.00	0.0408	-0.0193	-0.0304	0.0016	-0.0021	0.2740
139	6	1.204	1.271	-0.00	0.1030	-0.0827	-0.0315	0.0070	-0.0027	0.2740
139	7	1.204	3.862	-0.00	0.2573	-0.0403	-0.0274	0.0050	-0.0027	0.2734
139	8	1.204	5.811	-0.00	0.5469	-0.0872	-0.0272	0.0101	-0.0045	0.2696
139	9	1.204	-0.225	-0.00	-0.0471	-0.0875	-0.0290	0.0125	-0.0041	0.2734
139	10	1.206		-0.00	-0.0216	-0.0106	-0.0317	0.0032	-0.0025	0.2747
140	1	1.205	4.177	-0.00	-0.7556	0.9207	-0.0534	0.1259	-0.0026	0.2680
140	2	1.205	-2.339	-0.00	-0.1649	0.4290	-0.0247	0.0176	-0.0065	0.2620
140	3	1.205	-1.274	-0.00	-0.0892	0.2511	-0.0245	0.0035	-0.0027	0.2667
140	4	1.204	-0.225	-0.00	-0.0540	0.1274	-0.0291	0.0016	-0.0027	0.2667
140	5	1.204	0.025	-0.00	0.0340	-0.0243	-0.0250	0.0038	-0.0039	0.2667
140	6	1.204	1.271	-0.00	0.0267	-0.0320	-0.0234	0.0015	-0.0035	0.2667
140	7	1.204	3.774	-0.00	-0.0663	0.8092	-0.0234	0.0147	-0.0018	0.2667
140	8	1.205	-0.223	-0.00	-0.0897	1.4698	-0.0347	0.1937	-0.0018	0.2667
141	1	1.205	4.223	-0.00	-0.8222	1.0776	-0.0913	0.2676	-0.0022	0.2667
141	2	1.205	-2.223	-0.00	-0.0054	-0.7635	-0.0341	0.1986	-0.0048	0.2667

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M_c	α	ϕ_A	C_N	C_m	C_Y	C_N	C_L	C_A
141	4	1.203	-1.16	-0.00	0.0228	-0.5136	0.0406	-0.2267	-0.0061	0.17116
141	5	1.203	-1.78	-0.00	0.0211	-0.3819	0.0375	-0.2086	-0.0050	0.17229
141	6	1.203	-0.20	-0.00	0.0104	-0.1579	0.0275	-0.1703	-0.0040	0.17766
141	7	1.204	0.25	-0.00	0.0192	-0.0562	0.0095	-0.1036	-0.0029	0.18471
141	8	1.204	0.76	-0.00	0.0074	0.1584	0.0022	-0.0670	-0.0026	0.18471
141	9	1.205	1.81	-0.00	0.0156	0.4670	-0.0168	0.0139	-0.0008	0.17776
141	10	1.205	3.78	-0.00	0.0360	0.9780	-0.0036	0.0984	-0.0009	0.16869
142	1	1.203	4.17	-0.00	-0.3010	-0.2949	-0.1366	0.4267	-0.0169	0.19523
142	2	1.204	-2.10	-0.00	-0.1177	-0.2891	-0.0138	0.1356	-0.0065	0.18731
142	3	1.204	-1.28	-0.00	-0.0454	-0.3011	0.0048	-0.0950	-0.0066	0.18731
142	4	1.204	-0.67	-0.00	-0.0061	-0.2396	0.0026	-0.0857	-0.0045	0.19519
142	5	1.204	-0.20	-0.00	0.0173	-0.1848	0.0035	-0.0857	-0.0045	0.19519
142	6	1.204	0.27	-0.00	0.0237	-0.1472	0.0090	-0.0753	-0.0032	0.21019
142	7	1.205	0.77	-0.00	0.0195	0.1122	-0.0011	-0.0253	-0.0027	0.21019
142	8	1.205	1.80	-0.00	0.0962	0.1621	-0.0130	-0.0061	-0.0027	0.21019
142	9	1.205	3.72	-0.00	0.2763	0.1034	-0.0546	-0.1655	-0.0058	0.21277
143	1	1.203	4.18	-0.00	-0.4735	0.3777	-0.0378	0.4333	-0.0060	0.22799
143	2	1.203	-2.17	-0.00	-0.2192	0.4866	-0.0148	0.4937	-0.0047	0.23433
143	3	1.203	-1.17	-0.00	-0.1149	0.0268	-0.0132	0.4949	-0.0047	0.23433
143	4	1.203	-0.24	-0.00	-0.0716	-0.0502	-0.0143	0.4949	-0.0047	0.23433
143	5	1.204	0.28	-0.00	0.0198	-0.0575	-0.0137	0.4949	-0.0047	0.23433
143	6	1.204	0.76	-0.00	0.0266	-0.0688	-0.0137	0.4949	-0.0047	0.23433
143	7	1.204	1.75	-0.00	0.0799	-0.0654	-0.0182	0.4949	-0.0047	0.23433
143	8	1.204	3.84	-0.00	0.1692	-0.0921	-0.0186	0.4949	-0.0047	0.23433
143	9	1.204	5.84	-0.00	0.4175	-0.3549	-0.0186	0.4949	-0.0047	0.23433
144	1	0.902	3.35	-0.00	-0.6028	0.9793	-0.0528	0.6337	-0.0031	0.16965
144	2	0.902	-2.42	-0.00	-0.3236	0.5040	-0.0528	0.6337	-0.0031	0.16965
144	3	0.902	-1.49	-0.00	-0.1958	0.2929	-0.0501	0.6337	-0.0031	0.16965
144	4	0.903	-0.45	-0.00	-0.1158	0.1728	-0.0475	0.6337	-0.0031	0.16965
144	5	0.901	0.46	-0.00	-0.0635	0.0853	-0.0438	0.6337	-0.0031	0.16965
144	6	0.901	0.55	-0.00	0.0736	-0.0214	-0.0438	0.6337	-0.0031	0.16965
144	7	0.901	1.57	-0.00	0.2062	-0.1303	-0.0460	0.6337	-0.0031	0.16965
144	8	0.901	3.48	-0.00	0.4822	-0.3953	-0.0460	0.6337	-0.0031	0.16965
144	9	0.901	5.48	-0.00	0.8596	-0.7766	-0.0505	0.6337	-0.0031	0.16965
144	10	0.901	7.48	-0.00	0.0596	-0.0766	-0.0505	0.6337	-0.0031	0.16965
145	1	0.902	3.33	-0.00	-0.3794	0.1645	-0.0535	0.7733	-0.0017	0.09366
145	2	0.902	-2.33	-0.00	-0.1873	0.0213	-0.0244	0.7733	-0.0017	0.09366
145	3	0.900	-1.49	-0.00	-0.1169	-0.0076	-0.0299	0.7733	-0.0017	0.09366
145	4	0.901	0.49	-0.00	-0.0719	-0.0184	-0.0282	0.7733	-0.0017	0.09366

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M _C	α	ϕ_A	C _N	C _m	C _y	C _n	C _l	C _A
145	5	0.902	-0.43	-0.00	-0.0314	-0.0207	-0.0263	0.0005	-0.0050	0.110577
145	6	0.902	0.05	-0.00	0.0073	-0.0221	-0.0268	0.0070	-0.0051	0.114536
145	7	0.902	0.58	-0.00	0.0414	-0.0055	-0.0270	0.0195	-0.0042	0.115344
145	8	0.902	1.66	-0.00	0.1283	-0.0161	-0.0224	0.0203	-0.0035	0.113382
145	9	0.902	3.58	-0.00	0.3040	-0.0159	-0.0299	0.0422	-0.0035	0.110382
146	1	0.901	-4.34	-0.00	-0.2739	-0.1875	-0.1139	0.2874	-0.0045	0.060477
146	2	0.902	-2.36	-0.00	-0.1253	-0.1952	-0.0300	-0.0013	-0.0051	0.068433
146	3	0.902	-1.88	-0.00	-0.0347	-0.1231	-0.0185	-0.0036	-0.0043	0.062793
146	4	0.902	-0.40	-0.00	0.0103	-0.0667	-0.0168	-0.0020	-0.0045	0.102955
146	5	0.903	-0.01	-0.00	0.0085	-0.0275	-0.0188	-0.0027	-0.0057	0.105644
146	6	0.903	0.51	-0.00	0.0185	0.0073	-0.0219	-0.0055	-0.0043	0.109764
146	7	0.902	1.51	-0.00	0.0693	0.1813	-0.0311	0.0281	-0.0035	0.093609
146	8	0.903	3.53	-0.00	0.2320	0.1220	-0.0347	0.0749	-0.0035	0.093609
147	1	0.902	-4.35	-0.00	-0.1852	-0.318	-0.1348	0.3488	-0.0062	0.050537
147	2	0.904	-2.40	-0.00	-0.0755	-0.3522	-0.0029	-0.0045	-0.0077	0.051849
147	3	0.904	-1.97	-0.00	-0.0190	-0.3139	-0.0051	-0.0077	-0.0039	0.054033
147	4	0.904	-0.42	-0.00	0.0055	-0.1491	-0.0022	-0.0043	-0.0049	0.079435
147	5	0.900	0.09	-0.00	0.0036	0.1423	0.0000	-0.0082	-0.0035	0.095181
147	6	0.903	0.45	-0.00	0.0042	0.1393	-0.0120	-0.0043	-0.0051	0.097811
147	7	0.903	1.61	-0.00	0.0019	0.3090	-0.0127	-0.0062	-0.0051	0.083411
147	8	0.902	3.49	-0.00	0.1447	0.3975	-0.0337	0.0541	-0.0005	0.081197
148	4	0.702	-4.55	0.00	-0.5906	0.894	-0.0417	0.3436	0.0015	0.23338
148	5	0.701	-2.56	0.00	-0.3256	0.4615	-0.0397	0.0434	0.0019	0.23454
148	6	0.701	-1.55	0.00	-0.2000	0.2833	-0.0350	0.0462	0.0024	0.235543
148	7	0.701	-1.57	0.00	-0.1980	0.2823	-0.0351	0.0462	0.0033	0.235543
148	8	0.702	-1.61	0.00	-0.1998	0.2859	-0.0382	0.0481	0.0037	0.235546
148	9	0.701	-1.06	0.00	-0.1052	0.2018	-0.0316	0.0445	0.0044	0.236765
148	10	0.701	-0.57	0.00	-0.0752	0.1037	-0.0310	0.0525	0.0043	0.237173
148	11	0.701	-0.14	0.00	-0.0298	0.0270	-0.0307	0.0543	0.0042	0.236601
148	12	0.701	0.46	0.00	0.1697	-0.0769	-0.0274	0.0626	0.0047	0.236601
148	13	0.701	1.52	0.00	0.4344	-0.2511	-0.0281	0.0763	0.0036	0.236904
148	14	0.701	3.57	0.00	0.0849	-0.1114	-0.0281	0.0496	0.0051	0.236904
148	15	0.701	-0.57	0.00	-0.0849	0.1114	-0.0281	0.0496	0.0051	0.236904
149	1	0.701	-4.54	0.00	-0.4902	0.822	-0.0325	0.0065	0.0042	0.23399
149	2	0.702	-2.48	0.00	-0.2637	0.4353	-0.0205	0.0155	0.0044	0.23495
149	3	0.702	-1.54	0.00	-0.1701	0.1486	-0.0184	0.0060	0.0035	0.234486

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M_c	α	ϕ_A	C_N	C_m	C_Y	C_z	C_l	C_A
149	4	0.701	-1.07	0.00	-0.1226	0.1036	-0.0173	0.0026	0.0039	0.0000
149	5	0.702	-0.55	0.00	-0.0630	0.1521	-0.0165	0.0030	0.0036	0.0000
149	6	0.701	-0.19	0.00	-0.0274	0.0219	-0.0191	0.0130	0.0036	0.0000
149	7	0.701	0.39	0.00	0.0276	-0.0183	-0.0219	0.0304	0.0036	0.0000
149	8	0.701	1.46	0.00	0.1291	-0.0962	-0.0194	0.0316	0.0034	0.0000
149	9	0.701	3.40	0.00	0.3304	-0.3037	-0.0156	0.0316	0.0034	0.0000
150	1	0.702	-4.53	0.00	-0.4282	0.2677	-0.0414	0.0643	0.0456	0.0000
150	2	0.702	-2.51	0.00	-0.2381	0.1040	-0.0093	0.0263	0.0052	0.0000
150	3	0.702	-1.10	0.00	-0.1364	0.0479	-0.0042	0.0209	0.0052	0.0000
150	4	0.702	-0.55	0.00	-0.0654	0.0341	-0.0010	0.0209	0.0052	0.0000
150	5	0.702	-0.08	0.00	-0.0276	0.0192	-0.0017	0.0103	0.0054	0.0000
150	6	0.702	0.37	0.00	0.0677	0.0307	-0.0019	0.0103	0.0054	0.0000
150	7	0.702	1.39	0.00	0.0952	0.0152	-0.0016	0.0103	0.0054	0.0000
150	8	0.703	3.41	0.00	0.2692	-0.0131	-0.0164	0.0501	0.0022	0.0000
151	1	0.701	-4.53	0.00	-0.4282	0.2677	-0.0414	0.0643	0.0456	0.0000
151	2	0.702	-2.51	0.00	-0.2381	0.1040	-0.0093	0.0263	0.0052	0.0000
151	3	0.702	-1.10	0.00	-0.1364	0.0479	-0.0042	0.0209	0.0052	0.0000
151	4	0.702	-0.55	0.00	-0.0654	0.0341	-0.0010	0.0209	0.0052	0.0000
151	5	0.702	-0.08	0.00	-0.0276	0.0192	-0.0017	0.0103	0.0054	0.0000
151	6	0.702	0.37	0.00	0.0677	0.0307	-0.0019	0.0103	0.0054	0.0000
151	7	0.702	1.39	0.00	0.0952	0.0152	-0.0016	0.0103	0.0054	0.0000
151	8	0.703	3.41	0.00	0.2692	-0.0131	-0.0164	0.0501	0.0022	0.0000
152	1	0.701	-4.53	0.00	-0.4282	0.2677	-0.0414	0.0643	0.0456	0.0000
152	2	0.702	-2.51	0.00	-0.2381	0.1040	-0.0093	0.0263	0.0052	0.0000
152	3	0.702	-1.10	0.00	-0.1364	0.0479	-0.0042	0.0209	0.0052	0.0000
152	4	0.702	-0.55	0.00	-0.0654	0.0341	-0.0010	0.0209	0.0052	0.0000
152	5	0.702	-0.08	0.00	-0.0276	0.0192	-0.0017	0.0103	0.0054	0.0000
152	6	0.702	0.37	0.00	0.0677	0.0307	-0.0019	0.0103	0.0054	0.0000
152	7	0.702	1.39	0.00	0.0952	0.0152	-0.0016	0.0103	0.0054	0.0000
152	8	0.703	3.41	0.00	0.2692	-0.0131	-0.0164	0.0501	0.0022	0.0000
153	1	0.701	-4.53	0.00	-0.4282	0.2677	-0.0414	0.0643	0.0456	0.0000
153	2	0.702	-2.51	0.00	-0.2381	0.1040	-0.0093	0.0263	0.0052	0.0000
153	3	0.702	-1.10	0.00	-0.1364	0.0479	-0.0042	0.0209	0.0052	0.0000
153	4	0.702	-0.55	0.00	-0.0654	0.0341	-0.0010	0.0209	0.0052	0.0000
153	5	0.702	-0.08	0.00	-0.0276	0.0192	-0.0017	0.0103	0.0054	0.0000
153	6	0.702	0.37	0.00	0.0677	0.0307	-0.0019	0.0103	0.0054	0.0000
153	7	0.702	1.39	0.00	0.0952	0.0152	-0.0016	0.0103	0.0054	0.0000
153	8	0.703	3.41	0.00	0.2692	-0.0131	-0.0164	0.0501	0.0022	0.0000
154	1	0.701	-4.53	0.00	-0.4282	0.2677	-0.0414	0.0643	0.0456	0.0000
154	2	0.702	-2.51	0.00	-0.2381	0.1040	-0.0093	0.0263	0.0052	0.0000
154	3	0.702	-1.10	0.00	-0.1364	0.0479	-0.0042	0.0209	0.0052	0.0000
154	4	0.702	-0.55	0.00	-0.0654	0.0341	-0.0010	0.0209	0.0052	0.0000
154	5	0.702	-0.08	0.00	-0.0276	0.0192	-0.0017	0.0103	0.0054	0.0000
154	6	0.702	0.37	0.00	0.0677	0.0307	-0.0019	0.0103	0.0054	0.0000
154	7	0.702	1.39	0.00	0.0952	0.0152	-0.0016	0.0103	0.0054	0.0000
154	8	0.703	3.41	0.00	0.2692	-0.0131	-0.0164	0.0501	0.0022	0.0000

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M_c	α	ϕ_A	C_N	C_m	C_Y	C_x	C_A
153	9	0.403	-0.215	0.00	0.0208	-0.0341	-0.0399	0.0348	0.13597
153	10	0.403	0.356	0.00	0.0764	-0.0996	-0.0400	0.0004	0.13372
153	11	0.403	1.46	0.00	0.1758	-0.1940	-0.0468	0.0004	0.13386
153	12	0.404	3.42	-0.00	0.3885	-0.4183	-0.0464	-0.0013	0.13301
154	6	1.001	-4.26	0.00	-0.4618	0.4085	-0.0504	0.0540	0.13651
154	7	1.001	-2.26	-0.00	-0.2194	0.1441	-0.0351	0.0003	0.13671
154	8	1.001	-1.30	-0.00	-0.1226	0.0757	-0.0375	-0.0004	0.13640
154	9	1.000	-0.66	-0.00	-0.0556	0.0153	-0.0367	-0.0020	0.13464
154	10	1.001	-0.28	-0.00	-0.0131	-0.0246	-0.0365	-0.0026	0.13067
154	11	1.003	0.16	-0.00	0.0288	-0.0588	-0.0374	-0.0026	0.13031
154	12	1.003	0.78	-0.00	0.0836	-0.0908	-0.0403	-0.0048	0.13160
154	13	1.002	1.85	-0.00	0.2040	-0.1983	-0.0378	-0.0048	0.13140
154	14	1.002	3.70	-0.00	0.4009	-0.3796	-0.0293	-0.0061	0.13172
155	2	1.001	-4.22	0.00	-0.6068	1.0564	-0.0534	0.0679	0.23097
155	3	1.004	-2.31	0.00	-0.3137	0.5255	-0.0559	0.0011	0.23080
155	4	1.002	-1.29	0.00	-0.1657	0.2772	-0.0579	0.0000	0.23080
155	5	1.000	-0.80	0.00	-0.1019	0.1672	-0.0510	0.0000	0.23080
155	6	1.002	-0.35	0.00	-0.0320	0.0507	-0.0560	0.0000	0.23080
155	7	1.001	0.89	0.00	0.0652	-0.1165	-0.0533	0.0000	0.23080
155	8	1.003	1.68	0.00	0.1254	-0.2305	-0.0493	0.0010	0.23080
155	9	1.003	3.68	0.00	0.2554	-0.4375	-0.0436	0.0012	0.23080
155	10	1.003	-0.32	-0.00	0.4230	-0.0370	-0.0454	0.0000	0.23080
156	1	1.000	4.15	0.00	0.3253	0.0942	0.7059	0.0018	0.13570
156	2	1.000	-2.32	-0.00	0.1555	-0.0882	0.0231	0.0018	0.13570
156	3	1.000	-1.79	-0.00	0.0758	-0.0601	0.0280	0.0018	0.13570
156	4	1.000	-0.79	-0.00	0.0307	-0.0359	0.0289	0.0025	0.13570
156	5	1.000	0.16	-0.00	0.0359	-0.0389	0.0252	0.0027	0.13570
156	6	1.001	1.69	-0.00	0.0877	-0.0337	0.0259	0.0034	0.13570
156	7	1.001	3.74	-0.00	0.1425	-0.0694	0.0259	0.0057	0.13570
156	8	1.001	-4.25	0.00	0.3254	-0.0694	-0.0329	0.0057	0.13570
157	1	1.001	-4.25	0.00	0.1869	0.4767	0.1580	0.0259	0.06560
157	2	1.002	-2.23	-0.00	0.0632	-0.3634	-0.0173	0.0025	0.06570
157	3	1.001	-1.81	-0.00	0.0096	-0.2075	-0.0213	0.0025	0.06570
157	4	1.001	-0.81	-0.00	0.0063	-0.1315	-0.0111	0.0025	0.06570
157	5	1.002	0.24	-0.00	0.0366	-0.1020	0.0127	0.0025	0.06570
157	6	1.000	0.66	-0.00	0.0371	-0.1016	0.0227	0.0025	0.06570

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M_c	α	ϕ_A	C_N	C_m	C_Y	C_n	C_l	C_A
157	8	1.003	1.72	-0.00	0.0748	0.2509	-0.0237	0.0001	-0.0017	0.1320
157	9	1.001	3.71	-0.00	0.2144	0.2945	-0.0289	0.0455	-0.0036	0.1322
158	1	0.999	-4.15	-0.00	-0.1403	-0.5854	-0.1496	0.4157	-0.0014	0.7154
158	2	1.002	-2.30	-0.00	-0.0223	-0.4909	-0.0065	-0.0932	-0.0021	0.0904
158	3	1.000	-1.27	-0.00	0.0203	-0.3825	-0.0095	-0.0767	-0.0021	0.0994
158	4	1.000	-0.77	-0.00	0.0343	-0.2892	-0.0077	-0.0947	-0.0019	0.0991
158	5	1.001	-0.29	-0.00	0.0332	-0.1485	-0.0000	-0.0817	-0.0012	0.1164
158	6	1.002	0.15	-0.00	0.0412	-0.0453	-0.0029	-0.0225	-0.0012	0.1153
158	7	1.004	0.61	-0.00	0.0277	0.1268	-0.0160	-0.0322	-0.0003	0.1055
158	8	1.004	1.65	-0.00	0.0574	0.2958	-0.0126	-0.0154	-0.0034	0.1165
158	9	1.004	3.71	-0.00	0.1713	0.4333	-0.0126	-0.0154	-0.0034	0.1165
159	4	0.402	-0.64	0.00	-0.0410	-0.0516	0.0248	-0.1097	0.0037	0.9807
159	5	0.401	-4.66	0.00	-0.2709	-0.0871	-0.0908	-0.1997	0.0037	0.9807
159	6	0.399	-2.66	0.00	-0.1218	-0.1641	-0.0069	-0.0617	0.0029	1.1342
159	7	0.403	-1.72	0.00	-0.0757	-0.1538	0.0192	-0.0917	0.0021	1.1350
159	8	0.401	-0.67	0.00	-0.0569	-0.1072	0.0110	-0.0984	0.0037	1.1350
159	9	0.402	-0.25	0.00	-0.0454	-0.0512	0.0159	-0.0939	0.0034	1.1350
159	10	0.403	1.28	0.00	0.0363	0.0293	0.0130	-0.0770	0.0024	1.1350
159	11	0.402	3.31	0.00	0.0001	0.1356	-0.0060	-0.0352	0.0025	1.1350
159	12	0.404	5.54	0.00	0.1193	0.2407	-0.0060	-0.1622	0.0025	1.1350
160	5	0.698	-2.56	-0.00	0.0850	-0.3215	-0.0065	-0.0649	-0.0023	0.7727
160	6	0.702	-1.54	-0.00	0.0238	-0.2866	-0.0034	-0.0893	-0.0010	0.9547
160	7	0.706	-1.02	-0.00	0.0027	-0.2282	0.0094	-0.1029	-0.0021	1.0347
160	8	0.700	-0.57	-0.00	0.0049	-0.1339	0.0054	-0.1164	-0.0023	1.1270
160	9	0.701	-0.11	-0.00	0.0170	-0.0083	0.0011	-0.0932	-0.0006	1.0929
160	10	0.702	0.28	-0.00	0.0268	0.1465	-0.0011	-0.0879	-0.0006	1.0929
160	11	0.702	1.39	-0.00	0.0041	0.3077	-0.0131	-0.0181	-0.0006	1.0929
162	4	0.700	-2.63	-0.00	0.0529	-0.4121	-0.0100	-0.0586	-0.0038	0.9550
162	5	0.701	-1.60	-0.00	0.0666	-0.3067	-0.0012	-0.0841	-0.0046	0.9550
162	6	0.703	-1.10	-0.00	0.0045	-0.2231	0.0012	-0.0913	-0.0047	1.1205
162	7	0.701	-0.60	-0.00	0.0029	-0.1165	0.0040	-0.0937	-0.0030	1.1205
162	8	0.701	-0.06	-0.00	0.0117	-0.0056	-0.0015	-0.0802	-0.0031	1.1205
162	9	0.703	0.39	-0.00	0.0121	0.1278	-0.0010	-0.0503	-0.0020	1.1052
162	10	0.699	1.40	-0.00	0.0008	0.2985	-0.0197	-0.0043	-0.0020	1.0927
163	1	0.701	-4.49	-0.00	-0.1484	-0.5413	-0.0819	-0.1591	-0.0030	0.6005
163	2	0.700	-2.59	-0.00	-0.0513	-0.4267	-0.0103	-0.0855	-0.0037	0.7192
163	3	0.699	-1.64	-0.00	-0.0148	-0.3203	-0.0058	-0.0971	-0.0063	0.9007

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M _C	α	ϕ_A	C _N	C _m	C _y	C _n	C _f	C _A
163	4	0.698	-1.125	-0.00	-0.00048	-0.2417	-0.0035	-0.0031	-0.0030	0.0043
163	5	0.700	-0.155	-0.00	0.00009	-0.1306	-0.0100	-0.0001	-0.0031	0.0043
163	6	0.702	-0.10	-0.00	0.00022	-0.0337	-0.0100	-0.0001	-0.0045	0.0043
163	7	0.705	0.130	-0.00	0.0015	0.0819	-0.0104	-0.0001	-0.0041	0.0043
163	8	0.700	1.362	-0.00	0.0092	0.3036	-0.0205	-0.0001	-0.0030	0.0043
163	9	0.700	3.42	-0.00	0.1138	0.4769	-0.0311	-0.0001	-0.0010	0.0043
164	1	0.703	4.45	-0.00	-0.2531	-0.2207	-0.0493	0.0451	-0.0034	0.0043
164	2	0.702	-1.55	-0.00	-0.1259	-0.2063	-0.0206	0.0512	-0.0030	0.0043
164	3	0.703	-1.67	-0.00	-0.0783	-0.1643	-0.0235	-0.0001	-0.0040	0.0043
164	4	0.701	-0.59	-0.00	-0.0479	-0.0908	-0.0218	-0.0001	-0.0042	0.0043
164	5	0.701	-0.51	-0.00	-0.0256	-0.0517	-0.0264	-0.0001	-0.0043	0.0043
164	6	0.702	-0.01	-0.00	0.0227	-0.0128	-0.0278	-0.0001	-0.0043	0.0043
164	7	0.702	1.46	-0.00	0.0157	0.1226	-0.0296	-0.0001	-0.0043	0.0043
164	8	0.701	3.39	-0.00	0.1942	0.2149	-0.0360	0.0120	-0.0033	0.0043
164	9	0.701	4.55	-0.00	0.3211	0.0005	-0.0301	0.0200	-0.0033	0.0043
165	1	0.701	4.55	-0.00	-0.1610	-0.0534	-0.0202	0.0200	-0.0033	0.0043
165	2	0.702	-1.49	-0.00	-0.0894	-0.0328	-0.0202	-0.0001	-0.0033	0.0043
165	3	0.701	-1.00	-0.00	-0.0523	-0.0394	-0.0202	-0.0001	-0.0033	0.0043
165	4	0.700	-0.53	-0.00	-0.0233	-0.0324	-0.0202	-0.0001	-0.0033	0.0043
165	5	0.701	-0.22	-0.00	-0.0043	-0.0155	-0.0202	-0.0001	-0.0033	0.0043
165	6	0.701	1.35	-0.00	0.0273	0.0019	-0.0202	0.0001	-0.0033	0.0043
165	7	0.702	3.51	-0.00	0.1019	0.0098	-0.0202	0.0001	-0.0033	0.0043
165	8	0.700	4.55	-0.00	0.2647	0.0304	-0.0202	0.0001	-0.0033	0.0043
166	1	0.700	4.55	-0.00	-0.4659	-0.5651	-0.0470	0.0253	-0.0006	0.0043
166	2	0.700	-1.52	-0.00	-0.2485	-0.2717	-0.0477	0.0357	-0.0001	0.0043
166	3	0.699	-1.13	-0.00	-0.1460	-0.1544	-0.0477	0.0357	-0.0001	0.0043
166	4	0.701	-0.54	-0.00	-0.1001	-0.1024	-0.0477	0.0357	-0.0001	0.0043
166	5	0.700	-0.05	-0.00	-0.0005	-0.0138	-0.0452	0.0357	-0.0001	0.0043
166	6	0.701	1.50	-0.00	0.0675	0.0445	-0.0426	0.0357	-0.0001	0.0043
166	7	0.700	3.62	-0.00	0.1677	0.1915	-0.0404	0.0357	-0.0001	0.0043
166	8	0.698	4.56	-0.00	0.3895	0.4573	-0.0404	0.0357	-0.0001	0.0043
166	9	0.700	-0.56	-0.00	-0.0435	-0.0371	-0.0461	0.0357	-0.0001	0.0043
166	10	0.700	4.56	-0.00	0.1017	0.6986	-0.0774	0.1519	-0.0001	0.0043
167	4	0.901	3.20	-0.00	-0.1033	-0.4820	-0.0027	0.1971	-0.0001	0.0043
167	5	0.902	-1.42	-0.00	-0.0824	-0.3275	-0.0012	-0.0001	-0.0001	0.0043
167	6	0.901	-0.45	-0.00	-0.0021	-0.1076	-0.0003	-0.0001	-0.0001	0.0043
167	7	0.900	0.45	-0.00	0.0021	0.1076	-0.0003	-0.0001	-0.0001	0.0043
167	8	0.900	0.45	-0.00	0.0021	0.1076	-0.0003	-0.0001	-0.0001	0.0043

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run Pt	M _C	α	ϕ_A	C _N	C _m	C _y	C _n	C _l	C _A
167 9	0.901	0.05	-0.00	0.0039	0.0202	0.0000	-0.0306	-0.0038	0.0037
167 10	0.900	0.40	-0.00	0.0060	0.1524	-0.0121	-0.0340	-0.0031	0.0016
167 11	0.900	1.60	-0.00	0.0028	0.3727	-0.0154	-0.0267	-0.0019	0.0076
167 12	0.901	3.52	-0.00	0.0609	0.6616	-0.0097	-0.0414	-0.0030	0.0707
168 1	0.902	-4.20	-0.00	0.1417	-0.5858	-0.0876	0.1836	-0.0056	0.0347
168 2	0.901	-2.40	-0.00	0.0688	-0.3771	-0.0143	-0.0517	-0.0042	0.0501
168 3	0.901	-1.91	-0.00	0.0280	-0.2665	-0.0143	-0.0607	-0.0044	0.0712
168 4	0.900	-0.42	-0.00	0.0128	-0.1850	-0.0168	-0.0594	-0.0035	0.0718
168 5	0.900	0.15	-0.00	0.0033	-0.0931	-0.0219	-0.0417	-0.0035	0.0697
168 6	0.901	0.40	-0.00	0.0056	-0.0213	-0.0219	-0.0397	-0.0043	0.0693
168 7	0.900	1.40	-0.00	0.0063	0.1168	-0.0216	-0.0297	-0.0033	0.0693
168 8	0.900	3.65	-0.00	0.0224	0.2848	-0.0319	-0.0258	-0.0032	0.0654
168 9	0.900	1.36	-0.00	0.1410	0.4422	-0.0319	-0.0258	-0.0032	0.0654
169 1	0.900	4.06	-0.00	0.2491	0.733	-0.0631	0.0965	-0.0024	0.0546
169 2	0.901	-2.46	-0.00	0.1196	-0.2340	-0.0219	-0.0518	-0.0024	0.0624
169 3	0.902	-1.06	-0.00	0.0665	-0.1592	-0.0255	-0.0263	-0.0034	0.0697
169 4	0.900	-0.43	-0.00	0.0403	-0.1052	-0.0255	-0.0263	-0.0034	0.0697
169 5	0.902	0.01	-0.00	0.0227	-0.0497	-0.0264	-0.0140	-0.0039	0.0627
169 6	0.901	0.58	-0.00	0.0310	-0.0174	-0.0268	-0.0064	-0.0044	0.0627
169 7	0.901	1.36	-0.00	0.0740	0.1317	-0.0255	-0.0064	-0.0044	0.0627
169 8	0.901	3.58	-0.00	0.2006	0.2237	-0.0359	-0.0351	-0.0044	0.0627
170 1	0.902	4.29	-0.00	0.4771	0.6173	-0.0450	0.0322	-0.0020	0.0383
170 2	0.901	-2.22	-0.00	0.2434	-0.2773	-0.0452	-0.0462	-0.0013	0.1178
170 3	0.900	-1.47	-0.00	0.1476	-0.1553	-0.0455	-0.0425	-0.0013	0.1178
170 4	0.901	-0.97	-0.00	0.1031	-0.1020	-0.0440	-0.0440	-0.0005	0.1193
170 5	0.901	0.12	-0.00	0.0330	-0.0411	-0.0440	-0.0423	-0.0006	0.1193
170 6	0.902	0.48	-0.00	0.0592	-0.0814	-0.0419	-0.0352	-0.0006	0.1193
170 7	0.901	1.50	-0.00	0.1647	-0.2026	-0.0408	-0.0352	-0.0005	0.1193
170 8	0.902	3.54	-0.00	0.3896	-0.5028	-0.0446	-0.0553	-0.0005	0.1156
170 9	0.902	-4.29	-0.00	0.0358	0.0288	-0.0446	-0.0553	-0.0005	0.1156
171 1	1.001	2.20	-0.00	0.632	0.573	-0.0973	0.2053	-0.0049	0.0942
171 2	1.001	-2.20	-0.00	0.0621	-0.5855	-0.0118	-0.0312	-0.0049	0.0942
171 3	1.002	-1.30	-0.00	0.0266	-0.3844	-0.0061	-0.0106	-0.0035	0.0942
171 4	1.002	0.30	-0.00	0.0253	-0.2869	-0.0048	-0.0077	-0.0035	0.0942
171 5	1.002	0.18	-0.00	0.0185	-0.1869	-0.0015	-0.0051	-0.0035	0.0942
171 6	1.002	0.18	-0.00	0.0111	-0.1062	-0.0015	-0.0051	-0.0035	0.0942
171 7	1.002	0.18	-0.00	0.0111	-0.1062	-0.0015	-0.0051	-0.0035	0.0942
171 8	1.002	0.18	-0.00	0.0111	-0.1062	-0.0015	-0.0051	-0.0035	0.0942

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M _c	α	φ _A	C _N	C _m	C _y	C _n	C _l	C _A
171	9	1.001	1.65	-0.00	0.0193	0.3567	-0.0224	-0.0268	-0.0019	0.10705
171	10	1.004	3.73	-0.00	0.0776	0.6992	-0.0193	-0.0085	-0.0038	0.10847
172	1	1.003	4.33	-0.00	0.1129	-0.7587	-0.1148	0.2856	0.0051	0.093336
172	2	1.000	-2.22	-0.00	0.0305	-0.4694	-0.0163	-0.0700	0.0034	0.093336
172	3	1.000	-1.31	-0.00	0.0030	-0.3470	-0.0153	-0.0819	0.0040	0.093336
172	4	1.000	-0.80	-0.00	0.0171	-0.2589	-0.0123	-0.0642	0.0032	0.093336
172	5	1.000	-0.31	-0.00	0.0202	-0.1388	-0.0158	-0.0642	0.0033	0.093336
172	6	1.000	0.18	-0.00	0.0229	-0.0159	-0.0158	-0.0642	0.0034	0.093336
172	7	1.000	0.66	-0.00	0.0172	0.1268	-0.0172	-0.0424	0.0035	0.093336
172	8	1.001	1.62	-0.00	0.0381	0.3154	-0.0220	-0.0164	0.0021	0.093336
172	9	1.002	3.63	-0.00	0.1199	0.5567	-0.0197	-0.0041	0.0045	0.093336
173	1	1.001	4.32	-0.00	0.2954	-0.0981	-0.0345	0.2336	0.0001	0.103209
173	2	1.002	-2.39	-0.00	0.1447	-0.0996	-0.0291	-0.0420	0.0010	0.103209
173	3	1.003	-1.33	-0.00	0.0635	-0.0907	-0.0302	-0.0443	0.0015	0.103209
173	4	1.002	-0.82	-0.00	0.0346	-0.0663	-0.0327	-0.0188	0.0021	0.103209
173	5	1.002	-0.33	-0.00	0.0056	-0.0332	-0.0332	-0.0020	0.0022	0.103209
173	6	1.002	0.14	-0.00	0.0304	-0.0408	-0.0342	-0.0040	0.0019	0.103209
173	7	1.004	0.72	-0.00	0.0587	-0.0004	-0.0327	0.0102	0.0016	0.103209
173	8	1.004	3.72	-0.00	0.1362	-0.0259	-0.0331	0.0100	0.0026	0.103209
174	1	1.003	4.08	-0.00	0.5716	1.0147	-0.0617	0.0936	0.0077	0.106371
174	2	1.003	-2.38	-0.00	0.2687	0.4275	-0.0553	0.0667	0.0051	0.106371
174	3	1.001	-1.31	-0.00	0.1423	0.2193	-0.0599	0.0667	0.0043	0.106371
174	4	1.001	-0.80	-0.00	0.0763	0.1161	-0.0621	0.0943	0.0045	0.106371
174	5	1.002	-0.30	-0.00	0.0180	0.0203	-0.0605	0.1004	0.0041	0.106371
174	6	1.002	0.15	-0.00	0.0361	-0.0664	-0.0568	0.0952	0.0046	0.106371
174	7	1.002	0.66	-0.00	0.2264	-0.1564	-0.0577	0.1092	0.0053	0.106371
174	8	1.003	3.56	-0.00	0.4859	-0.0222	-0.0479	0.0992	0.0049	0.106371
174	9	1.002	0.34	-0.00	0.0167	0.0178	-0.0619	0.0966	0.0049	0.106371
175	6	1.002	4.26	-0.00	0.2391	-0.3803	-0.0743	0.1629	0.0022	0.106371
175	7	1.001	-2.39	-0.00	0.1229	-0.2815	-0.0669	0.0829	0.0018	0.106371
175	8	1.000	-1.28	-0.00	0.0660	-0.1782	-0.0113	-0.0683	0.0019	0.106371
175	9	1.000	-0.78	-0.00	0.0236	-0.1149	-0.0138	-0.0652	0.0030	0.106371
175	10	1.004	0.25	-0.00	0.0036	-0.0428	-0.0146	-0.0463	0.0026	0.106371
175	11	1.004	0.77	-0.00	0.0209	0.0873	-0.0152	-0.0310	0.0023	0.106371
175	12	1.004	3.71	-0.00	0.0637	0.1907	-0.0171	-0.0108	0.0021	0.106371
175	13	1.004	1.62	-0.00	0.1719	0.3151	-0.0215	-0.0073	0.0013	0.106371

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M _C	α	φ _A	C _N	C _m	C _y	C _D	C _L	C _A
176	1	1.2027	4.12	0.00	0.0484	-1.3878	0.0329	-0.0936	0.0079	0.00
176	2	1.2029	-2.13	-0.00	0.1331	-1.3714	-0.0074	-0.0644	0.0119	0.00
176	3	1.2033	-1.19	-0.00	0.1391	-0.9145	0.0116	-0.1278	-0.0076	0.00
176	4	1.2035	-0.69	-0.00	0.1026	-0.6198	0.0222	-0.1612	-0.0055	0.00
176	5	1.2044	-0.24	-0.00	0.0293	-0.2300	0.0222	-0.1612	-0.0055	0.00
176	6	1.2054	0.84	-0.00	-0.0271	0.1110	0.0190	-0.1406	0.0013	0.00
176	7	1.2044	1.81	0.00	-0.0990	0.5741	0.0081	-0.1091	0.0033	0.00
176	8	1.2044	3.88	0.00	-0.1833	1.1583	-0.0136	-0.0038	0.0014	0.00
176	9	1.2044	5.88	0.00	-0.1249	1.4893	-0.0218	-0.0464	0.0014	0.00
177	1	1.2044	16	0.00	0.0059	-1.3879	-0.0674	0.1807	0.0660	0.00
177	2	1.2021	-2.14	-0.00	0.0743	-0.9896	0.0068	-0.1259	0.0540	0.00
177	3	1.2013	-1.14	-0.00	0.0507	-0.5925	0.0162	-0.1562	0.0040	0.00
177	4	1.2033	-0.71	-0.00	0.0350	-0.3868	0.0147	-0.1441	0.0037	0.00
177	5	1.2035	-0.29	-0.00	0.0142	-0.1346	0.0087	-0.1401	0.0030	0.00
177	6	1.2044	0.73	-0.00	-0.0020	0.0346	0.0023	-0.0627	0.0020	0.00
177	7	1.2044	1.73	0.00	-0.0150	0.2157	-0.0041	-0.0612	0.0026	0.00
177	8	1.2035	3.74	-0.00	-0.0493	0.6631	-0.0121	-0.0012	0.0001	0.00
177	9	1.2035	5.74	-0.00	-0.0756	1.3506	-0.0262	-0.0219	0.0001	0.00
178	4	1.2054	12.25	-0.00	0.1313	-0.8712	-0.1508	0.4994	0.2330	0.00
178	5	1.2044	-2.25	-0.00	0.0479	-0.5578	-0.0059	-0.1115	0.0040	0.00
178	6	1.2033	-1.22	-0.00	0.0223	-0.4171	-0.0001	-0.0692	0.0056	0.00
178	7	1.2022	-0.23	-0.00	0.0170	-0.3046	0.0027	-0.0961	0.0059	0.00
178	8	1.2034	0.70	-0.00	0.0065	-0.1767	0.0071	-0.1028	0.0056	0.00
178	9	1.2034	1.78	-0.00	-0.0072	0.0869	-0.0046	-0.1028	0.0019	0.00
178	10	1.2044	3.79	0.00	0.0238	0.5777	-0.0144	-0.0093	0.0005	0.00
178	11	1.2044	5.79	0.00	0.1231	0.6438	-0.0711	-0.0263	0.0145	0.00
179	1	1.2044	21	-0.00	0.3576	0.0062	-0.0530	0.1047	0.1521	0.00
179	2	1.2044	-2.17	-0.00	0.1583	-0.1392	-0.0055	-0.1050	0.0047	0.00
179	3	1.2044	-1.20	-0.00	0.0813	-0.1456	-0.0124	-0.1050	0.0047	0.00
179	4	1.2035	-0.22	-0.00	0.0128	-0.1126	0.0171	-0.0263	0.0048	0.00
179	5	1.2034	0.21	-0.00	-0.0156	-0.0673	0.0166	-0.0140	0.0045	0.00
179	6	1.2034	1.76	0.00	0.0465	-0.0436	-0.0168	-0.0028	0.0041	0.00
179	7	1.2034	3.78	-0.00	0.1243	0.0502	-0.0295	0.0251	0.0061	0.00
179	8	1.2044	5.78	-0.00	0.3108	-0.0502	-0.0295	-0.0251	0.0061	0.00
180	1	1.2035	15	-0.00	0.5831	1.3338	-0.0193	-0.0529	0.0399	0.00
180	2	1.2044	-4.15	-0.00	-0.5865	1.0340	-0.0199	-0.0525	0.0399	0.00
180	3	1.2044	-2.22	-0.00	-0.3120	0.5184	-0.0217	-0.0268	0.0014	0.00

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M_c	α	ϕ_A	C_N	C_m	C_Y	C_n	C_l	C_A
180	4	1.204	1.25	0.00	0.1770	0.2783	-0.0215	0.0004	0.0003	0.0000
180	5	1.203	-0.69	0.00	-0.0386	0.1401	-0.0225	-0.0005	-0.0005	0.0000
180	6	1.203	-0.21	0.00	-0.0196	0.0565	-0.0197	-0.0005	-0.0005	0.0000
180	7	1.202	0.76	0.00	0.0977	-0.1840	-0.0242	0.0043	0.0006	0.0000
180	8	1.204	1.72	0.00	0.2220	-0.4023	-0.0229	0.0162	0.0011	0.0000
180	10	1.204	3.80	0.00	0.5120	-0.9384	-0.0219	0.0041	0.0021	0.0000
180	11	1.204	-0.28	0.00	-0.0384	0.0399	-0.0230	-0.0009	-0.0009	0.0000
182	6	0.401	4.68	0.00	-0.2156	0.2523	-0.0163	0.0033	0.0023	0.0000
182	8	0.401	-2.72	0.00	-0.1056	0.1081	-0.0173	-0.0019	-0.0019	0.0000
182	9	0.402	1.19	0.00	0.1056	0.0534	-0.0135	0.0012	0.0012	0.0000
182	10	0.402	-0.65	0.00	-0.0582	0.0312	-0.0149	-0.0000	-0.0000	0.0000
182	11	0.402	0.25	0.00	0.0019	0.0313	-0.0158	0.0000	0.0010	0.0000
182	12	0.402	-0.28	0.00	-0.0149	0.0374	-0.0145	-0.0030	-0.0030	0.0000
182	13	0.402	1.27	0.00	0.1063	-0.0477	-0.0177	0.0046	0.0019	0.0000
182	14	0.401	3.27	0.00	0.2707	-0.1307	-0.0083	-0.0062	0.0014	0.0000
182	15	0.403	-0.66	0.00	-0.0536	0.0287	-0.0092	-0.0000	-0.0000	0.0000
183	1	0.400	4.61	0.00	0.3207	0.0221	-0.0080	0.0671	0.0473	0.0000
183	2	0.400	-2.70	0.00	-0.1769	0.0548	-0.0009	-0.0033	-0.0033	0.0000
183	3	0.401	1.70	0.00	0.0973	-0.0388	0.0036	0.0041	0.0041	0.0000
183	4	0.402	-0.68	0.00	-0.0851	0.0105	-0.0058	-0.0039	-0.0039	0.0000
183	5	0.402	0.25	0.00	0.0531	0.0130	0.0009	0.0042	0.0042	0.0000
183	6	0.401	-0.27	0.00	-0.0260	0.0236	-0.0109	-0.0074	-0.0074	0.0000
183	7	0.402	1.27	0.00	0.0731	0.0073	0.0040	0.0020	0.0020	0.0000
183	8	0.403	-0.66	0.00	-0.1981	0.1065	-0.0076	-0.0000	-0.0000	0.0000
184	1	0.402	4.71	0.00	0.2501	0.2792	-0.0282	0.0706	0.0517	0.0000
184	2	0.402	-2.68	0.00	-0.1308	0.2021	-0.0152	-0.0094	-0.0094	0.0000
184	3	0.402	1.74	0.00	0.0901	-0.1147	0.0143	0.0036	0.0036	0.0000
184	4	0.401	-0.65	0.00	-0.0624	0.0550	-0.0173	-0.0077	-0.0077	0.0000
184	5	0.402	0.26	0.00	0.0568	0.0418	0.0139	0.0058	0.0058	0.0000
184	6	0.402	-0.26	0.00	-0.0368	0.1136	-0.0108	-0.0076	-0.0076	0.0000
184	7	0.402	1.26	0.00	0.0346	0.2071	-0.0212	0.0072	0.0072	0.0000
184	8	0.402	-0.66	0.00	-0.1320	0.3620	-0.0055	-0.0000	-0.0000	0.0000
185	1	0.703	4.53	0.00	-0.4258	0.3349	-0.0210	0.0323	0.0003	0.0000
185	2	0.702	-2.56	0.00	-0.2443	0.1741	-0.0214	-0.0029	-0.0029	0.0000
185	3	0.702	1.61	0.00	-0.1594	0.1175	-0.0194	-0.0011	-0.0011	0.0000

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M _c	α	ϕ_A	C _N	C _m	C _y	C _n	C _l	C _A
185	4	0.702	-1.50	0.00	-0.1209	0.944	-0.0229	-0.0042	0.0000	0.0000
185	5	0.701	-0.50	0.00	-0.0394	0.683	-0.0225	-0.0006	0.0000	0.0000
185	6	0.702	-0.19	0.00	-0.0041	0.518	-0.0238	0.0000	0.0000	0.0000
185	8	0.701	1.47	-0.00	0.0889	-0.0157	-0.0237	0.0000	0.0000	0.0000
185	9	0.701	3.38	0.00	0.2528	-0.0125	-0.0249	0.0000	0.0000	0.0000
185	10	0.701	-0.54	0.00	-0.0810	0.0817	-0.0249	0.0000	0.0000	0.0000
186	1	0.701	4.9	-0.00	0.3226	-0.1072	-0.0133	-0.0683	0.0000	0.0000
186	2	0.701	-2.51	-0.00	-0.1819	-0.0662	-0.0162	-0.0698	0.0000	0.0000
186	3	0.701	-1.54	-0.00	-0.1290	-0.0318	-0.0162	-0.0635	0.0000	0.0000
186	4	0.701	-1.04	-0.00	-0.1032	-0.0049	-0.0166	-0.0471	0.0000	0.0000
186	5	0.701	-0.50	-0.00	-0.0754	0.0335	-0.0173	-0.0302	0.0000	0.0000
186	6	0.701	-0.12	-0.00	-0.0420	0.0611	-0.0182	-0.0297	0.0000	0.0000
186	7	0.701	0.36	-0.00	0.0225	0.0876	-0.0209	-0.0268	0.0000	0.0000
186	8	0.701	1.44	-0.00	0.0329	0.1635	-0.0215	-0.0134	0.0000	0.0000
186	9	0.701	3.4	-0.00	0.1594	0.2238	-0.0218	-0.0100	0.0000	0.0000
186	10	0.701	-4.5	-0.00	-0.2712	-0.3171	-0.0380	0.0154	0.0000	0.0000
187	1	0.701	-2.51	-0.00	-0.1552	-0.2032	-0.0153	-0.0617	0.0000	0.0000
187	2	0.701	-1.52	-0.00	-0.1162	-0.1043	-0.0156	-0.0528	0.0000	0.0000
187	3	0.702	-1.02	-0.00	-0.0938	-0.0432	-0.0156	-0.0528	0.0000	0.0000
187	4	0.702	-0.54	-0.00	-0.0810	-0.0222	-0.0191	-0.0506	0.0000	0.0000
187	5	0.702	-0.11	-0.00	-0.0607	0.0623	-0.0172	-0.0336	0.0000	0.0000
187	6	0.701	0.48	-0.00	0.0046	0.1253	-0.0163	-0.0142	0.0000	0.0000
187	7	0.702	1.48	-0.00	0.1083	0.2272	-0.0280	-0.0362	0.0000	0.0000
187	8	0.702	3.4	-0.00	0.2712	0.3171	-0.0380	0.0154	0.0000	0.0000
187	9	0.702	-4.5	-0.00	-0.2712	-0.3171	-0.0380	0.0154	0.0000	0.0000
187	10	0.702	-2.51	-0.00	-0.1552	-0.2032	-0.0153	-0.0617	0.0000	0.0000
188	1	0.701	4.9	-0.00	0.3226	-0.1072	-0.0133	-0.0683	0.0000	0.0000
188	2	0.701	-2.51	-0.00	-0.1819	-0.0662	-0.0162	-0.0698	0.0000	0.0000
188	3	0.701	-1.54	-0.00	-0.1290	-0.0318	-0.0162	-0.0635	0.0000	0.0000
188	4	0.702	-1.04	-0.00	-0.1032	-0.0049	-0.0166	-0.0471	0.0000	0.0000
188	5	0.702	-0.50	-0.00	-0.0754	0.0335	-0.0173	-0.0302	0.0000	0.0000
188	6	0.702	-0.12	-0.00	-0.0420	0.0611	-0.0182	-0.0297	0.0000	0.0000
188	7	0.701	0.36	-0.00	0.0225	0.0876	-0.0209	-0.0268	0.0000	0.0000
188	8	0.701	1.44	-0.00	0.0329	0.1635	-0.0215	-0.0134	0.0000	0.0000
188	9	0.701	3.4	-0.00	0.1594	0.2238	-0.0218	-0.0100	0.0000	0.0000
188	10	0.701	-4.5	-0.00	-0.2712	-0.3171	-0.0380	0.0154	0.0000	0.0000
189	1	0.901	4.9	-0.00	0.4667	-0.4084	-0.0247	-0.0231	0.0000	0.0000
189	2	0.902	-2.39	-0.00	-0.2700	-0.2208	-0.0249	-0.0338	0.0000	0.0000
189	3	0.901	-1.48	-0.00	-0.1814	-0.1543	-0.0239	-0.0338	0.0000	0.0000
189	4	0.902	-0.88	-0.00	-0.1279	-0.1219	-0.0231	-0.0338	0.0000	0.0000

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M_c	α	ϕ_A	C_N	C_m	C_Y	C_n	C_l	C_A
189	5	0.901	-0.44	-0.00	-0.0944	0.1025	-0.0302	0.0224	-0.0024	0.12561
189	6	0.901	-0.02	-0.00	-0.0470	0.0660	-0.0315	0.0263	-0.0020	0.12504
189	8	0.900	0.56	-0.00	-0.0111	-0.0436	-0.0203	0.0355	-0.0022	0.12465
189	9	0.902	3.52	-0.00	0.0792	-0.0101	-0.0223	0.0326	-0.0020	0.12445
189	10	0.902	-0.44	-0.00	0.2597	-0.1582	-0.0248	0.0255	-0.0014	0.12183
				-0.00	-0.0884	-0.0952	-0.0323	0.0255	-0.0014	0.12688
190	1	0.900	4.34	-0.00	-0.2424	-0.3879	-0.0461	0.0534	-0.0060	0.08999
190	2	0.902	-2.47	-0.00	-0.1459	-0.2562	-0.0096	0.0832	-0.0043	0.08623
190	3	0.902	-1.93	-0.00	-0.1052	-0.0122	-0.0102	-0.0640	-0.0050	0.09405
190	4	0.902	-0.43	-0.00	-0.0873	-0.0167	-0.0133	-0.0509	-0.0051	0.09435
190	5	0.901	0.01	-0.00	-0.0641	-0.0046	-0.0135	-0.0465	-0.0048	0.09680
190	6	0.902	0.54	-0.00	-0.0438	0.0534	-0.0135	-0.0496	-0.0054	0.10467
190	7	0.902	1.52	-0.00	-0.0320	0.1428	-0.0114	-0.0423	-0.0052	0.10949
190	8	0.903	3.60	-0.00	0.0111	0.2636	-0.0174	0.0238	-0.0058	0.10819
				-0.00	0.1071	0.4625	-0.0162	0.0003	-0.0058	0.10819
191	1	0.900	3.24	-0.00	-0.1524	-0.6754	-0.0750	0.1474	-0.0070	0.43277
191	2	0.902	-2.34	-0.00	-0.0898	-0.3856	-0.0120	0.0661	-0.0057	0.38533
191	3	0.902	-1.41	-0.00	-0.0636	-0.2547	-0.0046	-0.0715	-0.0064	0.37493
191	4	0.901	0.06	-0.00	-0.0523	-0.1444	-0.0099	-0.0690	-0.0060	0.38104
191	5	0.902	0.35	-0.00	-0.0412	-0.0602	-0.0085	-0.0703	-0.0056	0.38222
191	6	0.901	0.58	-0.00	-0.0436	0.0602	-0.0085	-0.0493	-0.0055	0.37507
191	7	0.902	1.55	-0.00	-0.0316	0.2176	-0.0123	0.0291	-0.0055	0.39057
191	8	0.902	3.55	-0.00	0.0483	0.4363	-0.0154	0.0174	-0.0051	0.38644
192	1	0.902	3.48	-0.00	-0.1655	-0.7111	-0.0608	0.0844	-0.0061	0.44962
192	2	0.901	-2.38	-0.00	-0.0609	-0.4770	-0.0001	-0.1004	-0.0065	0.47013
192	3	0.902	-1.42	-0.00	-0.0420	-0.2893	0.0048	-0.1123	-0.0072	0.47073
192	4	0.901	0.09	-0.00	-0.0375	-0.1904	0.0008	-0.0933	-0.0062	0.47071
192	5	0.901	0.35	-0.00	-0.0361	-0.0576	0.0038	-0.0889	-0.0046	0.48061
192	6	0.900	0.59	-0.00	-0.0468	0.2233	-0.0024	-0.0669	-0.0043	0.49021
192	7	0.901	1.55	-0.00	-0.0500	0.4683	-0.0050	0.0518	-0.0043	0.48065
192	8	0.901	3.55	-0.00	0.0500	0.7863	-0.0056	0.0442	-0.0058	0.47915
193	7	0.000	3.60	-0.00	-0.4827	0.5768	-0.0274	0.0076	-0.0010	0.17180
193	8	1.002	-2.38	-0.00	-0.2511	-0.2609	-0.0353	-0.0203	-0.0002	0.17177
193	9	1.000	-1.42	-0.00	-0.1454	-0.1497	-0.0309	0.0351	-0.0006	0.17153
193	10	1.000	-0.09	-0.00	-0.0445	0.0448	-0.0281	0.0353	-0.0001	0.17553
193	11	1.000	0.30	-0.00	-0.0405	0.0438	-0.0327	0.0353	-0.0003	0.16600

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M _C	α	ϕ_A	C _N	C _m	C _Y	C _u	C _L	C _A
193	13	1.000	0.64	0.00	0.0513	-0.0467	-0.0331	0.0383	0.0008	0.17494
193	14	1.001	1.76	0.00	0.1555	-0.1465	-0.0312	0.0424	0.0003	0.16504
193	15	1.002	3.65	0.00	0.3569	-0.3867	-0.0309	0.0467	0.0005	0.17215
193	17	1.000	-0.32	0.00	-0.0405	-0.0426	-0.0341	0.0319	0.0005	0.17344
194	1	1.000	3.0	-0.00	-0.2679	-0.2551	-0.0216	-0.0509	0.0020	0.15873
194	2	1.000	2.7	-0.00	-0.1393	-0.1736	-0.0167	-0.0603	0.0016	0.12473
194	3	1.001	1.32	-0.00	-0.0861	-0.1011	-0.0193	-0.0436	0.0018	0.13080
194	4	1.000	0.85	-0.00	-0.0538	-0.0699	-0.0224	-0.0354	0.0023	0.13340
194	5	1.000	0.30	-0.00	-0.0250	-0.0369	-0.0208	-0.0216	0.0030	0.13275
194	6	1.000	0.14	-0.00	-0.0050	-0.0079	-0.0235	-0.0102	0.0031	0.12969
194	7	1.000	0.64	-0.00	0.0241	0.0544	-0.0255	-0.0010	0.0029	0.12349
194	8	1.003	1.77	-0.00	0.0840	0.1942	-0.0194	0.0009	0.0038	0.12493
194	9	1.001	3.74	-0.00	0.2168	0.1942	-0.0194	0.0009	0.0038	0.12493
195	1	1.000	2.8	0.00	-0.1996	-0.5124	-0.0666	0.1175	0.0040	0.03163
195	2	1.000	3.2	0.00	-0.0972	-0.3455	-0.0119	0.0899	0.0023	0.03163
195	3	1.000	1.32	0.00	-0.0603	-0.2067	-0.0179	-0.0659	0.0032	0.03163
195	4	1.001	0.85	0.00	-0.0415	-0.1432	-0.0201	-0.0503	0.0039	0.03163
195	5	1.000	0.30	0.00	-0.0205	-0.0601	-0.0210	-0.0377	0.0039	0.03163
195	6	1.001	0.14	0.00	-0.0037	-0.0015	-0.0207	-0.0370	0.0040	0.03163
195	7	1.000	0.64	0.00	0.0112	0.0971	-0.0216	-0.0397	0.0043	0.03163
195	8	1.002	1.77	0.00	0.0542	0.2308	-0.0221	0.0028	0.0050	0.03163
195	9	1.000	3.67	0.00	0.1495	0.4289	-0.0284	0.0028	0.0050	0.03163
196	1	1.000	5.28	0.00	-0.0972	-0.6633	-0.0964	0.2009	0.0050	0.03163
196	2	1.000	2.36	0.00	-0.0413	-0.3554	-0.0132	0.0767	0.0050	0.03163
196	3	1.000	1.79	0.00	-0.0160	-0.2068	-0.0122	-0.0637	0.0050	0.03163
196	4	1.000	0.32	0.00	-0.0066	-0.0326	-0.0111	-0.0861	0.0052	0.03163
196	5	1.000	0.16	0.00	-0.0071	-0.0103	-0.0111	-0.0795	0.0052	0.03163
196	6	1.001	0.61	0.00	0.0120	0.1731	-0.0113	-0.0712	0.0052	0.03163
196	7	1.000	1.62	0.00	0.0049	0.4082	-0.0181	0.0293	0.0054	0.03163
196	8	1.000	3.62	0.00	0.0575	0.7105	-0.0165	0.0230	0.0054	0.03163
197	1	1.000	5.6	0.00	-0.0885	-0.884	-0.0832	0.3335	0.0054	0.03163
197	2	1.001	3.42	0.00	-0.0189	-0.5850	-0.0064	0.1987	0.0058	0.03163
197	3	1.000	1.84	0.00	-0.0037	-0.3773	-0.0050	-0.0935	0.0058	0.03163
197	4	1.000	0.36	0.00	-0.0017	-0.2350	-0.0050	-0.0935	0.0058	0.03163
197	5	1.000	0.17	0.00	0.0074	0.1642	-0.0029	-0.0935	0.0058	0.03163
197	6	1.000	0.58	0.00	0.0190	0.4242	-0.0013	0.0386	0.0058	0.03163
197	7	1.002	1.6	0.00	0.0120	0.4242	-0.0013	0.0386	0.0058	0.03163
197	8	1.000	3.6	0.00	0.0190	0.4242	-0.0013	0.0386	0.0058	0.03163
197	9	1.000	5.8	0.00	0.0120	0.4242	-0.0013	0.0386	0.0058	0.03163

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M_c	α	ϕ_A	C_N	C_m	C_Y	C_x	C_l	C_A
197	10	1.002	3.64	-0.00	0.0294	0.7949	-0.0184	-0.0147	-0.0046	0.10648
198	4	1.204	-4.14	0.00	0.0259	-1.3547	-0.0318	0.0278	0.0036	0.14088
198	5	1.205	-2.20	-0.00	0.1550	-1.2920	-0.0033	0.0473	-0.0091	0.13740
198	6	1.204	-1.21	-0.00	0.1271	-0.8987	0.0116	-0.1117	-0.0060	0.15402
198	7	1.202	-0.74	-0.00	0.0785	-0.5620	0.0317	-0.1624	-0.0033	0.16062
198	8	1.203	-0.28	-0.00	0.0144	-0.1750	0.0263	-0.1624	-0.0033	0.16062
198	9	1.202	0.70	-0.00	0.0207	0.1021	0.0181	-0.1292	-0.0008	0.16062
198	10	1.202	1.72	0.00	-0.0739	0.4348	0.0109	-0.1017	0.0028	0.16062
198	11	1.202	3.78	0.00	-0.1881	1.1445	0.0007	-0.1030	0.0012	0.15834
198	12	1.202		0.00	-0.1327	1.5016	0.0076	-0.1365	0.0012	0.15834
199	1	1.204	-4.15	0.00	0.089	-1.3433	-0.0604	0.1538	0.0064	0.15381
199	2	1.202	-2.27	-0.00	0.0675	-1.0023	0.0014	-0.1043	-0.0043	0.15735
199	3	1.202	-1.28	-0.00	0.0514	-0.6286	0.0156	-0.1531	-0.0043	0.16180
199	4	1.202	-0.74	-0.00	0.0335	-0.3726	0.0148	-0.1464	-0.0037	0.16572
199	5	1.202	-0.21	-0.00	0.030	-0.1460	0.0098	-0.1134	-0.0034	0.17259
199	6	1.202	0.25	-0.00	0.0030	0.0324	0.0027	-0.0701	-0.0018	0.17763
199	7	1.203	0.64	-0.00	0.0164	0.1997	0.0019	-0.0701	-0.0018	0.17763
199	8	1.203	1.74	-0.00	-0.0647	0.7169	-0.0143	0.0023	0.0001	0.16421
199	9	1.203	3.72	-0.00	-0.0884	1.3753	-0.0160	0.0773	0.0004	0.14331
200	1	1.202	-4.21	0.00	0.1054	-0.9864	-0.1358	0.4153	0.0149	0.15588
200	2	1.202	-2.19	-0.00	0.0267	-0.6221	0.0015	-0.1078	-0.0034	0.15222
200	3	1.203	-1.21	-0.00	0.0061	-0.3297	0.0028	-0.1078	-0.0034	0.15222
200	4	1.202	-0.74	-0.00	0.0142	-0.1808	0.0004	-0.0678	-0.0035	0.16248
200	5	1.202	-0.23	-0.00	0.0141	-0.1808	0.0056	-0.1023	-0.0035	0.16248
200	6	1.203	0.28	-0.00	0.0031	0.0710	0.0065	-0.1023	-0.0035	0.16248
200	7	1.203	0.78	-0.00	0.0185	0.2461	-0.0055	-0.1023	-0.0035	0.16248
200	8	1.203	1.73	-0.00	0.0060	0.4461	-0.0166	0.0227	0.0012	0.17320
200	9	1.203	3.78	0.00	0.0961	0.7493	-0.0564	0.1627	0.0012	0.17320
201	1	1.203	-4.22	0.00	0.2844	-0.3092	-0.0492	0.0849	0.0030	0.17014
201	2	1.203	-2.18	-0.00	0.1214	-0.2247	0.0027	-0.1078	-0.0035	0.16825
201	3	1.203	-1.21	-0.00	0.0675	-0.1632	0.0052	-0.1078	-0.0035	0.16825
201	4	1.203	-0.76	-0.00	0.0375	-0.0769	0.0047	-0.0636	-0.0027	0.20067
201	5	1.202	-0.28	-0.00	0.0165	-0.0129	0.0103	-0.0422	-0.0025	0.20067
201	6	1.202	0.28	-0.00	0.0322	0.0129	-0.0134	-0.0422	-0.0025	0.20067
201	7	1.203	0.67	-0.00	0.0105	0.1955	-0.0187	0.0209	0.0039	0.19906
201	8	1.203	1.77	-0.00	0.0834	0.1955	-0.0229	0.0362	0.0040	0.19906
201	9	1.203	3.77	-0.00	0.2296	0.2585	-0.0229	0.0362	0.0040	0.19906
202	1	1.203	-4.24	-0.00	-0.4970	0.6246	-0.0142	-0.0776	-0.0010	0.22000

TABLE III
AERODYNAMIC DATA - BCDY AXIS SYSTEM

Run	Pt	M _C	α	φ _A	C _N	C _m	C _y	C _n	C _l	C _A
202	2	1.2023	-2.2540	0.00	-0.2463	0.2736	-0.0154	-0.0532	0.0009	0.220133
202	3	1.2023	-1.7260	0.00	-0.1426	0.1405	-0.0123	-0.0437	0.0011	0.226162
202	4	1.2023	-0.2610	0.00	-0.0343	0.0188	-0.0146	-0.0335	0.0011	0.222000
202	5	1.2023	0.2110	0.00	0.0695	-0.0297	-0.0151	-0.0301	0.0009	0.222077
202	6	1.2035	0.7330	0.00	0.1767	-0.0218	-0.0178	-0.0160	0.0008	0.221740
202	7	1.2042	-0.8250	0.00	0.4189	-0.0541	-0.0143	-0.0120	0.0014	0.221908
202	10	1.2020		0.00	-0.0289	0.0159	-0.0158	-0.0306	0.0014	0.222000
204	4	1.2035	-4.2020	0.00	-0.0420	-1.1374	0.0413	-0.1548	0.0057	0.154580
204	5	1.2035	-2.1230	0.00	0.0395	-0.1793	0.0308	-0.2004	0.0023	0.176035
204	6	1.2035	-1.1730	0.00	0.0416	-0.0561	0.0385	-0.2276	0.0008	0.181106
204	7	1.2035	-0.1730	0.00	0.0362	-0.4183	0.0339	-0.2124	0.0021	0.183008
204	8	1.2035	-0.2110	0.00	0.0192	-0.1973	0.0217	-0.2076	0.0023	0.190129
204	9	1.2035	0.2080	0.00	0.0281	0.0243	0.0217	-0.1063	0.0006	0.188797
204	10	1.2035	1.8375	0.00	0.0455	0.6613	-0.0050	-0.0382	0.0006	0.17027
204	11	1.2040		0.00	-0.0046	1.0563	0.0101	-0.0182	0.0006	0.17027
205	1	1.2024	-4.1400	0.00	-0.1562	-0.7609	0.0836	-0.1777	0.0408	0.176950
205	2	1.2024	-2.2070	0.00	-0.0444	-0.5659	0.0107	-0.1513	0.0025	0.190535
205	3	1.2024	-1.2680	0.00	-0.0058	-0.4197	0.0111	-0.1365	0.0034	0.200614
205	4	1.2024	-0.2090	0.00	0.0110	-0.1481	0.0095	-0.1334	0.0039	0.201475
205	5	1.2024	0.2090	0.00	0.0082	0.0275	0.0041	-0.0691	0.0029	0.201635
205	6	1.2033	0.8123	0.00	0.0112	0.4496	-0.0171	-0.0041	0.0005	0.200075
205	7	1.2033	1.3730	0.00	0.1142	0.6654	-0.0481	-0.1237	0.0104	0.19161
206	1	1.2021	-4.0800	0.00	-0.5291	0.8157	0.0210	-0.0630	0.0325	0.495555
206	2	1.2023	-2.2780	0.00	-0.3025	0.4539	-0.0231	-0.0385	0.0045	0.249760
206	3	1.2023	-1.2780	0.00	-0.1742	0.2617	-0.0210	-0.0309	0.0045	0.249305
206	4	1.2031	-0.1870	0.00	0.1377	-0.1674	-0.0209	-0.0191	0.0040	0.249305
206	5	1.2013	0.8000	0.00	0.0197	0.0464	-0.0189	-0.0186	0.0040	0.249305
206	6	1.2035	1.7800	0.00	0.0855	-0.0475	-0.0202	-0.0051	0.0043	0.249305
206	7	1.2035	3.5240	0.00	0.4641	-0.3330	-0.0147	-0.0097	0.0027	0.249305
206	8	1.2035	-0.2400	0.00	-0.0430	-0.7267	-0.0021	-0.0178	0.0040	0.249305
207	1	1.0000	-4.2100	-0.00	-0.1446	-0.6612	-0.0033	-0.1339	-0.0004	0.10134
207	2	1.0000	-2.2230	-0.00	-0.0407	-0.4952	-0.0063	-0.1015	-0.0034	0.109916

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M_c	α	ϕ_A	C_N	C_L	C_Y	C_N	C_L	C_A
207	3	1.001	-1.277	-0.00	-0.0183	-0.3355	-0.0063	-0.0946	-0.0031	0.1923
207	4	1.000	-0.226	-0.00	-0.0078	-0.1060	-0.0070	-0.0840	-0.0029	0.1936
207	5	1.000	0.175	-0.00	-0.0036	0.0103	-0.0047	-0.0868	-0.0028	0.1931
207	6	1.000	0.777	-0.00	-0.0104	0.1808	-0.0121	-0.0486	-0.0027	0.1931
207	7	0.996	1.777	-0.00	-0.0004	0.4115	-0.0173	-0.0178	-0.0009	0.1967
207	8	1.000	3.70	-0.00	-0.0823	0.6510	-0.0203	-0.0008	-0.0009	0.1967
208	1	1.001	4.31	0.00	-0.2057	-0.4805	-0.0195	0.0525	0.0000	0.1667
208	2	1.001	-2.25	-0.00	-0.0924	-0.3293	-0.0113	-0.0848	0.0026	0.1667
208	3	1.001	-1.377	-0.00	-0.0356	-0.1212	-0.0169	-0.0535	0.0025	0.1667
208	4	1.001	-0.228	-0.00	-0.0183	-0.0553	-0.0186	-0.0437	0.0026	0.1667
208	5	1.001	0.69	-0.00	-0.0050	0.0214	-0.0199	-0.0333	0.0027	0.1667
208	6	1.000	1.71	-0.00	0.0118	0.1066	-0.0208	-0.0193	0.0017	0.1667
208	7	1.000	3.64	-0.00	0.1420	0.4558	-0.0205	-0.0118	0.0004	0.1667
209	1	1.002	2.26	0.00	-0.5454	-0.9036	-0.0399	0.169	0.0032	0.1944
209	2	1.002	-1.31	0.00	-0.2807	-0.4402	-0.0429	0.0337	0.0034	0.1944
209	3	1.002	-0.829	0.00	-0.1684	-0.2661	-0.0408	0.0422	0.0034	0.1944
209	4	1.000	0.220	0.00	-0.1192	0.1814	-0.0395	0.0464	0.0041	0.1944
209	5	1.000	0.719	0.00	-0.0418	0.0870	-0.0383	0.0435	0.0035	0.1944
209	6	1.003	1.623	0.00	0.0716	0.0956	-0.0367	0.0535	0.0034	0.1944
209	7	1.000	3.623	0.00	0.1872	-0.2761	-0.0367	0.0535	0.0034	0.1944
209	8	1.001	-0.33	0.00	-0.4357	-0.6732	-0.0293	0.0591	0.0044	0.1944
209	9	1.001	4.33	0.00	-0.0507	-0.0880	-0.0390	0.0434	0.0036	0.1944
210	1	0.901	3.9	0.00	-0.1306	-0.5902	-0.1210	0.0458	0.0066	0.2255
210	2	0.901	-2.50	-0.00	-0.0327	-0.3000	-0.0335	-0.1056	0.0024	0.2255
210	3	0.901	-1.488	-0.00	-0.0056	-0.0598	-0.0035	-0.1095	0.0023	0.2255
210	4	0.902	0.407	-0.00	-0.0036	0.2416	0.0060	-0.1215	0.0033	0.2255
210	5	0.900	0.657	-0.00	-0.0029	0.1465	-0.0043	-0.1131	0.0036	0.2255
210	6	0.901	1.657	-0.00	0.0145	0.1995	-0.0133	-0.1085	0.0031	0.2255
210	7	0.901	3.57	-0.00	0.0747	0.5998	-0.0168	-0.0215	0.0029	0.2255
211	1	0.902	4.39	0.00	-0.1305	-0.5780	-0.0249	0.0388	0.0018	0.2653
211	2	0.901	-2.39	-0.00	-0.0531	-0.3532	-0.0153	-0.0789	0.0039	0.2653
211	3	0.901	-1.397	-0.00	-0.0237	-0.2824	-0.0097	-0.0725	0.0035	0.2653
211	4	0.901	0.97	-0.00	-0.0113	-0.1225	-0.0136	-0.0613	0.0035	0.2653

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run Pt	M_c	α	ϕ_A	C_N	C_m	C_Y	C_x	C_L	C_A
211 5	0.902	-0.42	-0.00	-0.0047	-0.1067	-0.0160	-0.0550	-0.0031	0.9321
211 6	0.901	-0.14	-0.00	0.0001	0.1380	-0.0110	-0.0542	-0.0024	0.9301
211 7	0.902	1.56	-0.00	0.0033	0.1380	-0.0185	-0.0542	-0.0024	0.9301
211 8	0.902	3.64	-0.00	0.0150	0.5486	-0.0209	-0.0542	-0.0024	0.9301
211 9	0.902	5.64	-0.00	0.1040	0.5486	-0.0235	-0.0542	-0.0024	0.9301
212 1	0.902	-4.45	0.00	-0.4723	0.5801	-0.0321	-0.0542	-0.0024	0.9301
212 2	0.901	-1.29	0.00	-0.2329	0.2128	-0.0315	-0.0542	-0.0024	0.9301
212 3	0.901	-0.90	0.00	-0.1146	0.0724	-0.0306	-0.0542	-0.0024	0.9301
212 4	0.901	-0.40	0.00	-0.0345	0.0107	-0.0327	-0.0542	-0.0024	0.9301
212 5	0.901	0.12	0.00	0.0087	0.0140	-0.0303	-0.0542	-0.0024	0.9301
212 6	0.901	0.68	0.00	0.0475	-0.0163	-0.0277	-0.0542	-0.0024	0.9301
212 7	0.901	1.71	-0.00	0.1429	-0.1043	-0.0272	-0.0542	-0.0024	0.9301
212 8	0.900	-0.42	-0.00	0.3689	-0.4184	-0.0312	-0.0542	-0.0024	0.9301
212 9	0.900	-0.42	-0.00	0.0317	0.0073	-0.0312	-0.0542	-0.0024	0.9301
213 1	0.700	5.28	0.00	0.4379	0.4644	-0.0428	-0.0542	-0.0024	0.9301
213 2	0.699	-1.47	0.00	0.2256	0.1939	-0.0442	-0.0542	-0.0024	0.9301
213 3	0.700	-1.05	0.00	0.0813	0.0596	-0.0442	-0.0542	-0.0024	0.9301
213 4	0.700	-0.51	0.00	0.0373	0.0228	-0.0442	-0.0542	-0.0024	0.9301
213 5	0.700	0.21	0.00	0.0146	0.0098	-0.0442	-0.0542	-0.0024	0.9301
213 6	0.700	0.51	0.00	0.0535	0.0669	-0.0442	-0.0542	-0.0024	0.9301
213 7	0.700	1.54	0.00	0.1432	0.1359	-0.0442	-0.0542	-0.0024	0.9301
213 8	0.699	-0.54	0.00	0.0432	0.0341	-0.0442	-0.0542	-0.0024	0.9301
213 9	0.700	-0.54	0.00	0.0432	0.0341	-0.0442	-0.0542	-0.0024	0.9301
214 1	0.700	4.52	0.00	0.2182	0.3584	-0.0263	-0.0542	-0.0024	0.9301
214 2	0.701	-1.47	-0.00	0.1030	0.2912	-0.0185	-0.0542	-0.0024	0.9301
214 3	0.700	-0.90	-0.00	0.0390	0.1034	-0.0203	-0.0542	-0.0024	0.9301
214 4	0.700	-0.53	-0.00	0.0192	0.0519	-0.0217	-0.0542	-0.0024	0.9301
214 5	0.701	0.21	0.00	0.0610	0.0305	-0.0237	-0.0542	-0.0024	0.9301
214 6	0.701	0.51	0.00	0.0739	0.0565	-0.0237	-0.0542	-0.0024	0.9301
214 7	0.701	1.52	0.00	0.1661	0.1524	-0.0237	-0.0542	-0.0024	0.9301
214 8	0.701	3.64	0.00	0.1661	0.1524	-0.0237	-0.0542	-0.0024	0.9301
214 9	0.701	5.64	0.00	0.1661	0.1524	-0.0237	-0.0542	-0.0024	0.9301
215 1	0.699	-4.56	0.00	-0.1685	0.4929	-0.0271	-0.0542	-0.0024	0.9301
215 2	0.700	-1.56	-0.00	-0.0517	0.4325	-0.0033	-0.0542	-0.0024	0.9301
215 3	0.701	-0.97	-0.00	-0.0149	0.2300	-0.0021	-0.0542	-0.0024	0.9301
215 4	0.700	-0.51	-0.00	-0.0031	0.1323	-0.0021	-0.0542	-0.0024	0.9301
215 5	0.700	-0.51	-0.00	-0.0031	0.1323	-0.0021	-0.0542	-0.0024	0.9301

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M_c	α	ϕ_A	C_N	C_m	C_y	C_n	C_l	C_A
215	6	0.700	-0.02	-0.00	0.0003	-0.0302	0.0009	-0.0003	-0.0026	0.0001
215	7	0.700	0.57	-0.00	0.0009	-0.0314	-0.0092	-0.0036	-0.0013	0.0001
215	8	0.700	1.47	-0.00	0.0067	0.03206	-0.0158	-0.0125	-0.0009	0.0001
217	4	0.700	-4.57	-0.00	-0.3814	0.3333	-0.0316	-0.0157	-0.0021	0.0001
217	5	0.701	-2.57	-0.00	-0.1213	0.1940	-0.0346	-0.0064	-0.0003	0.0001
217	6	0.701	-1.51	-0.00	-0.0652	0.10573	-0.0361	0.0133	-0.0003	0.0001
217	7	0.701	-0.37	-0.00	-0.0411	0.0357	-0.0349	0.0263	-0.0004	0.0001
217	8	0.701	-0.52	-0.00	-0.0411	0.0357	-0.0349	0.0263	-0.0004	0.0001
217	9	0.701	-0.00	-0.00	-0.0411	0.0357	-0.0349	0.0263	-0.0004	0.0001
217	10	0.701	0.00	-0.00	-0.0411	0.0357	-0.0349	0.0263	-0.0004	0.0001
217	11	0.701	1.53	0.00	0.1247	-0.1104	-0.0410	0.0482	0.0012	0.0001
217	12	0.701	3.55	0.00	0.2968	-0.2032	-0.0435	0.0630	0.0002	0.0001
217	13	0.701	-0.55	0.00	-0.0409	0.0328	-0.0435	0.0303	0.0002	0.0001
218	9	0.701	-4.57	0.00	-0.1869	0.4992	-0.0204	-0.0725	0.0020	0.0001
218	10	0.701	-2.57	-0.00	-0.0835	0.3458	-0.0176	-0.0775	0.0020	0.0001
218	11	0.701	-1.52	-0.00	-0.0321	0.1932	-0.0162	-0.0669	0.0022	0.0001
218	12	0.701	-0.01	-0.00	-0.0090	0.1037	-0.0202	-0.0579	0.0023	0.0001
218	13	0.700	0.00	-0.00	0.0039	0.0297	-0.0217	-0.0507	0.0023	0.0001
218	14	0.700	0.49	-0.00	0.0227	0.0483	-0.0217	-0.0507	0.0023	0.0001
218	15	0.700	1.54	-0.00	0.0507	0.2180	-0.0192	-0.0420	0.0024	0.0001
218	16	0.700	3.52	-0.00	0.1448	0.3741	-0.024	-0.0420	0.0024	0.0001
219	1	0.699	-4.57	0.00	-0.1110	0.7894	-0.0307	-0.0377	0.0043	0.0001
219	2	0.700	-2.48	-0.00	-0.0320	0.5429	-0.0202	-0.0824	0.0043	0.0001
219	3	0.700	-1.48	-0.00	-0.0085	0.3815	-0.0202	-0.0824	0.0043	0.0001
219	4	0.700	-0.97	-0.00	0.0010	0.2652	-0.0194	-0.0678	0.0043	0.0001
219	5	0.700	-0.50	-0.00	0.0040	0.1595	-0.0189	-0.0702	0.0043	0.0001
219	6	0.700	-0.02	-0.00	0.0040	0.1595	-0.0189	-0.0702	0.0043	0.0001
219	7	0.701	0.54	-0.00	0.0121	0.3577	-0.0223	-0.0506	0.0046	0.0001
219	8	0.700	3.56	-0.00	0.0842	0.6424	-0.0307	-0.0430	0.0056	0.0001
220	1	0.700	-4.47	0.00	-0.0679	0.516	-0.051	-0.1794	0.0043	0.0001
220	2	0.701	-2.47	-0.00	-0.0294	0.7598	-0.0170	-0.2354	0.0043	0.0001
220	3	0.701	-1.48	-0.00	-0.0375	0.5613	-0.0079	-0.1837	0.0043	0.0001
220	4	0.702	-0.97	-0.00	0.0160	0.3613	-0.0015	-0.1446	0.0043	0.0001
220	5	0.701	-0.50	-0.00	0.0026	0.2009	-0.0002	-0.1164	0.0043	0.0001
220	6	0.701	-0.02	-0.00	0.0026	0.2009	-0.0002	-0.1164	0.0043	0.0001
220	7	0.701	0.54	-0.00	0.0126	0.3579	-0.0010	-0.1446	0.0043	0.0001
220	8	0.701	3.55	-0.00	0.0364	0.6424	-0.0010	-0.1446	0.0043	0.0001

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M_c	α	ϕ_A	C_N	C_m	C_y	C_n	C_A	C_A
220	9	0.700	5.49	-0.00	-0.0071	0.9346	0.0092	-0.1423	-0.0024	0.06073
221	4	0.901	4.35	0.00	-0.4063	0.4631	-0.0000	-0.0407	0.0004	0.10667
222	5	0.901	4.35	0.00	-0.1987	0.1861	-0.0000	-0.0407	0.0004	0.10667
223	6	0.901	4.35	0.00	-0.1190	0.0994	-0.0000	-0.0407	0.0004	0.10667
224	7	0.902	4.35	0.00	-0.0724	0.0565	-0.0000	-0.0407	0.0004	0.10667
225	8	0.902	4.35	0.00	-0.0275	0.0205	-0.0000	-0.0407	0.0004	0.10667
226	9	0.902	4.35	0.00	0.0157	-0.0219	-0.0000	-0.0407	0.0004	0.10667
227	10	0.901	4.35	0.00	0.0544	-0.0600	-0.0000	-0.0407	0.0004	0.10667
228	11	0.901	4.35	0.00	0.1368	-0.1363	-0.0000	-0.0407	0.0004	0.10667
229	12	0.902	4.35	0.00	0.3243	-0.3595	-0.0000	-0.0407	0.0004	0.10667
230	1	0.902	4.35	0.00	-0.7389	0.8880	-0.0000	-0.0407	0.0004	0.10667
231	2	0.902	4.35	0.00	-0.0081	0.6113	-0.0000	-0.0407	0.0004	0.10667
232	3	0.901	4.35	0.00	0.0060	0.4104	-0.0000	-0.0407	0.0004	0.10667
233	4	0.902	4.35	0.00	0.0096	0.2797	-0.0000	-0.0407	0.0004	0.10667
234	5	0.900	4.35	0.00	0.0131	0.1694	-0.0000	-0.0407	0.0004	0.10667
235	6	0.902	4.35	0.00	0.0189	0.0370	-0.0000	-0.0407	0.0004	0.10667
236	7	0.901	4.35	0.00	0.0192	0.1006	-0.0000	-0.0407	0.0004	0.10667
237	8	0.901	4.35	0.00	0.0227	0.3803	-0.0000	-0.0407	0.0004	0.10667
238	9	0.901	4.35	0.00	0.0667	0.6968	-0.0000	-0.0407	0.0004	0.10667
239	1	0.902	4.35	0.00	-0.0521	0.9700	-0.0000	-0.0407	0.0004	0.10667
240	2	0.902	4.35	0.00	0.0370	0.8406	-0.0000	-0.0407	0.0004	0.10667
241	3	0.901	4.35	0.00	0.0308	0.5244	-0.0000	-0.0407	0.0004	0.10667
242	4	0.902	4.35	0.00	0.0312	0.3710	-0.0000	-0.0407	0.0004	0.10667
243	5	0.903	4.35	0.00	0.0219	0.2210	-0.0000	-0.0407	0.0004	0.10667
244	6	0.901	4.35	0.00	0.0016	0.0390	-0.0000	-0.0407	0.0004	0.10667
245	7	0.901	4.35	0.00	0.0035	0.1621	-0.0000	-0.0407	0.0004	0.10667
246	8	0.901	4.35	0.00	-0.0041	0.5067	-0.0000	-0.0407	0.0004	0.10667
247	9	0.900	4.35	0.00	-0.0265	1.0067	-0.0000	-0.0407	0.0004	0.10667
248	1	0.902	4.35	0.00	0.0596	0.3720	-0.0000	-0.0407	0.0004	0.10667
249	2	0.901	4.35	0.00	0.0541	0.8008	-0.0000	-0.0407	0.0004	0.10667
250	3	0.901	4.35	0.00	0.0645	0.5405	-0.0000	-0.0407	0.0004	0.10667
251	4	0.901	4.35	0.00	0.0545	0.4067	-0.0000	-0.0407	0.0004	0.10667
252	5	0.901	4.35	0.00	0.0236	0.2768	-0.0000	-0.0407	0.0004	0.10667
253	6	0.901	4.35	0.00	-0.0235	0.0667	-0.0000	-0.0407	0.0004	0.10667
254	7	0.902	4.35	0.00	0.0237	0.5917	-0.0000	-0.0407	0.0004	0.10667
255	8	0.902	4.35	0.00	0.0127	0.8917	-0.0000	-0.0407	0.0004	0.10667
256	9	1.000	4.31	0.00	-0.4625	0.7435	-0.0000	-0.0407	0.0004	0.10667

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M _c	α	φ _A	C _N	C _m	C _y	C _n	C _l	C _A
25	5	1.0021	-2.24	0.00	-0.2323	0.3345	-0.0320	0.0000	0.0000	0.0000
25	6	1.0001	-1.75	0.00	-0.1339	0.1896	-0.0335	0.0000	0.0000	0.0000
25	7	1.0001	-0.24	0.00	-0.0304	0.1143	-0.0352	0.0000	0.0000	0.0000
25	8	1.0002	0.26	0.00	0.0156	0.0220	-0.0350	0.0000	0.0000	0.0000
25	10	1.0003	0.74	0.00	0.0651	-0.0297	-0.0313	0.0000	0.0000	0.0000
25	11	1.0099	1.80	0.00	0.1671	-0.0235	-0.0270	0.0000	0.0000	0.0000
25	12	1.0001	3.80	0.00	0.3815	-0.0591	-0.0233	0.0000	0.0000	0.0000
25	13	1.0001	-0.50	0.00	-0.0382	0.0504	-0.0339	0.0000	0.0000	0.0000
26	1	1.0000	4.11	0.00	-0.1579	0.5784	-0.0153	0.0000	0.0000	0.0000
26	2	1.0023	-2.17	0.00	-0.0629	0.3848	-0.0095	0.0000	0.0000	0.0000
26	3	1.0002	-1.24	0.00	-0.0279	0.2730	-0.0055	0.0000	0.0000	0.0000
26	4	1.0001	0.64	0.00	0.0106	-0.1102	-0.0013	0.0000	0.0000	0.0000
26	5	1.0001	0.21	0.00	0.0151	0.1244	-0.0016	0.0000	0.0000	0.0000
26	6	1.0001	0.74	0.00	0.0218	0.0929	-0.0014	0.0000	0.0000	0.0000
26	7	1.0002	3.81	0.00	0.1465	0.2652	-0.0011	0.0000	0.0000	0.0000
27	1	1.0000	4.20	0.00	-0.0694	0.9851	-0.0064	0.0000	0.0000	0.0000
27	2	1.0022	-2.30	0.00	-0.0058	0.6767	-0.0060	0.0000	0.0000	0.0000
27	3	1.0002	-1.78	0.00	0.0079	0.4068	-0.0040	0.0000	0.0000	0.0000
27	4	1.0002	0.23	0.00	0.0097	0.2970	-0.0088	0.0000	0.0000	0.0000
27	5	1.0002	0.80	0.00	0.0152	0.1640	-0.0059	0.0000	0.0000	0.0000
27	6	1.0001	1.71	0.00	0.0682	0.1725	-0.0068	0.0000	0.0000	0.0000
27	7	1.0003	3.69	0.00	0.0417	0.4451	-0.0015	0.0000	0.0000	0.0000
28	1	1.0000	4.25	0.00	-0.0393	1.0157	-0.0369	0.0000	0.0000	0.0000
28	2	1.0022	-2.26	0.00	-0.0439	0.8458	-0.0211	0.0000	0.0000	0.0000
28	3	1.0001	-1.79	0.00	0.0357	0.5347	-0.0065	0.0000	0.0000	0.0000
28	4	1.0001	0.20	0.00	0.0247	0.2165	-0.0040	0.0000	0.0000	0.0000
28	5	1.0003	0.81	0.00	0.0356	0.2621	-0.0055	0.0000	0.0000	0.0000
28	6	1.0004	3.78	0.00	-0.0222	0.6011	-0.0014	0.0000	0.0000	0.0000
29	1	1.0002	4.18	0.00	-0.0396	0.9568	-0.0160	0.0000	0.0000	0.0000
29	2	1.0002	-2.27	0.00	-0.0454	0.8273	-0.0043	0.0000	0.0000	0.0000
29	3	1.0002	-1.25	0.00	0.0509	0.5829	-0.0069	0.0000	0.0000	0.0000

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M_c	α	ϕ_A	C_N	C_m	C_Y	C_n	C_L	C_A
229	4	1.001	-0.735	-0.000	0.0452	-0.4392	0.0149	-0.2163	-0.0027	0.0572
229	5	1.002	-0.211	-0.000	0.0337	-0.4392	0.0101	-0.1630	-0.0014	0.1154
229	6	1.001	0.765	-0.000	0.0134	0.0033	0.0060	-0.1630	-0.0025	0.1154
229	7	1.001	1.750	-0.000	-0.0410	0.6250	0.0047	-0.1389	-0.0002	0.1098
229	8	1.001	3.70	-0.000	-0.0022	1.0411	0.0102	-0.1495	-0.0026	0.1098
230	2	1.202	-4.17	-0.000	-0.0107	-1.355	0.0220	-0.2196	-0.0044	0.1455
230	3	1.202	-2.16	-0.000	-0.0914	-1.0057	0.0315	-0.2134	-0.0037	0.1455
230	4	1.202	-1.13	-0.000	0.0928	-0.6845	0.0387	-0.2523	-0.0015	0.1533
230	5	1.202	-0.19	-0.000	0.0788	-0.5233	0.0401	-0.2523	-0.0003	0.1533
230	6	1.202	0.13	-0.000	0.0511	-0.2669	0.0401	-0.2523	-0.0003	0.1533
230	7	1.203	0.35	-0.000	0.0289	-0.1709	0.0384	-0.2523	-0.0004	0.1533
230	8	1.203	0.86	-0.000	-0.0549	0.4091	0.0323	-0.2523	-0.0014	0.1533
230	9	1.204	1.38	-0.000	-0.0920	0.8091	0.0276	-0.2120	-0.0014	0.1533
230	10	1.204	3.80	-0.000	-0.0456	1.1567	0.0076	-0.2120	-0.0014	0.1533
231	1	1.203	-4.16	-0.000	0.0109	-1.2009	0.0293	-0.3576	-0.0044	0.0408
231	2	1.202	-2.31	-0.000	0.0998	-1.1099	0.0293	-0.3576	-0.0011	0.0408
231	3	1.201	-1.25	-0.000	0.0887	-0.9722	0.0415	-0.3576	-0.0010	0.1408
231	4	1.204	-0.24	-0.000	0.0592	-0.5069	0.0337	-0.3576	-0.0010	0.1408
231	5	1.204	0.24	-0.000	0.0337	-0.1973	0.0321	-0.3576	-0.0010	0.1408
231	6	1.203	0.71	-0.000	0.0307	0.0341	0.0074	-0.3576	-0.0010	0.1408
231	7	1.203	1.74	-0.000	-0.0386	1.2295	0.0141	-0.3576	-0.0010	0.1408
232	1	1.202	-4.17	-0.000	0.0423	-1.4535	0.0668	-0.1006	-0.0054	0.0408
232	2	1.204	-2.27	-0.000	0.1130	-1.1677	0.0230	-0.2684	-0.0026	0.0408
232	3	1.204	-1.27	-0.000	0.1142	-0.8562	0.0222	-0.2684	-0.0018	0.0408
232	4	1.203	-0.23	-0.000	0.0955	-0.6238	0.0226	-0.2684	-0.0018	0.0408
232	5	1.203	0.28	-0.000	0.0687	-0.3997	0.0226	-0.2684	-0.0018	0.0408
232	6	1.204	0.78	-0.000	0.0371	0.0428	0.0122	-0.2684	-0.0018	0.0408
232	7	1.204	1.72	-0.000	-0.0725	1.3635	0.0114	-0.2684	-0.0018	0.0408
232	8	1.204	3.72	-0.000	-0.0451	1.7635	0.0345	-0.2684	-0.0018	0.0408
233	1	1.203	-4.17	-0.000	0.0632	-1.4428	0.0202	-0.1567	-0.0055	0.0535
233	2	1.203	-2.29	-0.000	0.1105	-1.2532	0.0102	-0.1567	-0.0031	0.0535
233	3	1.203	-1.27	-0.000	0.0160	-0.9475	0.0102	-0.1567	-0.0031	0.0535
233	4	1.203	-0.23	-0.000	0.0190	-0.6475	0.0089	-0.1567	-0.0031	0.0535
233	5	1.203	0.28	-0.000	0.0278	-0.3769	0.0089	-0.1567	-0.0031	0.0535

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run Pt	M_c	α	ϕ_A	C_N	C_m	C_Y	C_n	C_l	C_A
233 7	1.203	0.79	-0.00	0.0345	0.1321	-0.0122	-0.0217	-0.0049	0.1309
233 8	1.203	1.79	-0.00	0.0481	0.4178	-0.0150	-0.0613	-0.0049	0.1787
233 9	1.203	3.69	-0.00	0.0929	0.8465	-0.0274	-0.0629	-0.0049	0.1787
234 4	1.204	2.9	0.00	-0.4631	0.6664	-0.0005	-0.1094	0.3002	0.2164
234 5	1.204	2.15	0.00	-0.2310	0.3240	-0.0045	-0.0756	0.0027	0.2164
234 6	1.204	1.26	0.00	-0.1400	0.1936	-0.0056	-0.0643	0.0026	0.2164
234 7	1.204	0.67	0.00	-0.0823	0.1123	-0.0080	-0.0553	0.0029	0.2164
234 8	1.204	0.18	0.00	-0.0344	0.0468	-0.0074	-0.0476	0.0024	0.2164
234 9	1.204	0.51	0.00	0.0342	-0.0198	-0.0074	-0.0417	0.0020	0.2164
234 10	1.202	0.83	0.00	0.0697	-0.0935	-0.0067	-0.0397	0.0023	0.2164
234 11	1.202	1.90	0.00	0.1764	-0.2375	-0.0075	-0.0323	0.0022	0.2164
234 12	1.203	3.79	0.00	0.3756	-0.5266	-0.0056	-0.0298	0.0019	0.2164
235 1	0.402	1.62	-0.00	-0.3180	0.2551	-0.0305	-0.151	0.47	0.1251
235 2	0.402	2.64	-0.00	-0.1546	0.0780	-0.0329	-0.0332	0.0039	0.1304
235 3	0.401	1.19	-0.00	-0.0843	0.0127	-0.0345	-0.0406	0.0041	0.1304
235 4	0.401	0.66	-0.00	-0.0598	-0.0039	-0.0345	-0.0236	0.0041	0.1304
235 5	0.401	0.18	-0.00	-0.0265	-0.0045	-0.0352	-0.0263	0.0041	0.1304
235 6	0.401	0.51	-0.00	0.0728	-0.1135	-0.0362	-0.0346	0.0041	0.1304
235 7	0.401	1.24	-0.00	0.1482	-0.1684	-0.0458	-0.0546	0.0041	0.1304
235 8	0.402	2.34	-0.00	0.3278	-0.3305	-0.0433	-0.0616	0.0041	0.1304
235 9	0.401	3.71	-0.00	0.0151	-0.0503	-0.0380	-0.0271	0.0041	0.1304
236 1	0.401	0.67	-0.00	0.1723	0.369	-0.0226	0.0543	0.49	0.0879
236 2	0.401	2.67	-0.00	0.0657	0.2525	-0.0257	0.0393	0.47	0.0879
236 3	0.402	1.19	-0.00	0.154	-0.0436	-0.0259	-0.0308	0.45	0.0879
236 4	0.402	0.67	-0.00	0.0008	-0.0117	-0.0231	-0.0198	0.43	0.0879
236 5	0.402	0.15	-0.00	0.0512	-0.0444	-0.0266	-0.0158	0.41	0.0879
236 6	0.402	0.53	-0.00	0.0834	-0.0612	-0.0243	-0.0153	0.42	0.0879
236 7	0.403	1.33	-0.00	0.2098	0.1141	-0.0292	0.0236	0.41	0.0879
236 8	0.403	2.36	-0.00	0.0898	0.0611	-0.0243	0.0236	0.41	0.0879
236 9	0.403	3.64	-0.00	0.0298	0.0141	-0.0243	0.0236	0.41	0.0879
237 1	0.403	0.65	-0.00	-0.0418	0.7288	-0.0189	-0.1433	0.76	0.0942
237 2	0.402	2.69	-0.00	-0.0135	-0.4888	-0.0137	-0.0575	0.48	0.0942
237 3	0.401	1.17	-0.00	0.0165	-0.2688	-0.0165	-0.0495	0.45	0.0942
237 4	0.401	0.67	-0.00	0.0215	-0.1877	-0.0112	-0.0358	0.43	0.0942
237 5	0.402	1.33	-0.00	0.0289	0.0235	-0.0112	-0.0358	0.43	0.0942
237 6	0.402	2.35	-0.00	0.0289	0.0235	-0.0112	-0.0358	0.43	0.0942
237 7	0.401	3.64	-0.00	0.0289	0.0235	-0.0112	-0.0358	0.43	0.0942
237 8	0.401	0.65	-0.00	0.0289	0.0235	-0.0112	-0.0358	0.43	0.0942
237 9	0.401	1.44	-0.00	0.0289	0.0235	-0.0112	-0.0358	0.43	0.0942

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M_c	α	ϕ_A	C_N	C_m	C_Y	C_n	C_l	C_A
237	10	0.402	3.47	-0.00	0.1359	0.4625	-0.0250	0.0456	-0.0032	0.10098
238	1	0.401	4.61	-0.00	-0.1799	-0.2533	0.0203	-0.1699	-0.0096	0.13418
239	2	0.401	-2.67	-0.00	-0.0014	-0.3703	0.0235	-0.1502	-0.0064	0.13172
240	3	0.401	-1.68	-0.00	0.0223	-0.3226	0.0297	-0.1480	-0.0067	0.13400
241	4	0.401	-0.69	-0.00	0.0423	-0.2376	0.0231	-0.1583	-0.0074	0.14018
242	5	0.400	-0.18	-0.00	0.0161	-0.0844	0.0213	-0.1283	-0.0061	0.14634
243	6	0.402	0.33	-0.00	0.0142	0.0613	0.0155	-0.1065	-0.0044	0.13639
244	7	0.400	1.34	-0.00	0.0411	0.1978	0.0040	-0.0554	-0.0052	0.12775
245	8	0.403	3.31	-0.00	0.1439	0.2209	0.0054	-0.0363	-0.0065	0.12775
246	9	0.400	4.61	0.00	0.4895	0.3333	-0.0073	0.9333	0.0042	0.24336
247	10	1.201	4.16	0.00	-0.2709	0.4726	-0.0117	-0.0580	0.0064	0.24336
248	11	1.202	-1.26	0.00	-0.1486	0.2732	-0.0109	-0.0470	0.0055	0.24336
249	12	1.201	-0.70	0.00	-0.0983	0.1864	-0.0094	-0.0320	0.0054	0.24336
250	13	1.202	0.22	0.00	-0.0405	0.0912	-0.0118	-0.0256	0.0057	0.24336
251	14	1.203	0.68	0.00	0.0643	-0.0029	-0.0104	-0.0266	0.0056	0.24336
252	15	1.203	1.68	0.00	0.0643	-0.1046	-0.0100	-0.0274	0.0047	0.24336
253	16	1.203	3.31	0.00	0.1761	-0.2928	-0.0069	-0.0274	0.0037	0.24336
254	17	1.205	0.72	0.00	0.3997	-0.6489	-0.0131	-0.0337	0.0049	0.24336
255	18	1.205	-0.25	0.00	-0.0369	0.0797	-0.0131	-0.0337	0.0049	0.24336
256	19	1.204	1.15	0.00	0.188	0.2699	0.0305	0.084	0.0058	0.16237
257	20	1.205	-2.17	0.00	-0.0613	-0.9641	0.0150	-0.1958	0.0008	0.16237
258	21	1.202	-0.73	0.00	0.0588	-0.6556	0.0199	-0.1118	0.0012	0.16237
259	22	1.202	0.23	0.00	0.0470	-0.4595	0.0235	-0.1961	0.0014	0.16237
260	23	1.202	0.81	0.00	0.0363	-0.2410	0.0109	-0.1603	0.0014	0.16237
261	24	1.203	1.80	0.00	0.0241	0.3522	-0.0003	-0.1111	0.0004	0.16237
262	25	1.205	3.84	0.00	0.0492	1.2190	0.0124	0.0511	0.0000	0.16237
263	26	1.205	4.16	0.00	0.1018	1.2190	-0.0042	0.0936	0.0000	0.16237
264	27	1.202	2.19	0.00	0.344	1.4273	0.0292	0.706	0.0059	0.36145
265	28	1.202	-2.19	0.00	-0.0627	-0.7309	0.0607	-0.2668	0.0059	0.36145
266	29	1.202	-0.72	0.00	0.0623	-0.5169	0.0594	-0.2969	0.0008	0.36145
267	30	1.203	0.23	0.00	0.0416	-0.2605	0.0553	-0.2789	0.0005	0.36145
268	31	1.203	0.86	0.00	0.0217	-0.1305	0.0333	-0.2038	0.0025	0.36145
269	32	1.204	1.77	0.00	0.0924	0.8389	0.0131	-0.1095	0.0016	0.36145
270	33	1.205	3.78	0.00	0.0382	1.189	0.0126	0.1051	0.0000	0.36145

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M_c	α	ϕ_A	C_N	C_m	C_y	C_n	C_l	C_A
243	1	1.0024	4.231	0.000	-0.0690	-0.9124	-0.0144	-0.0551	-0.0003	0.7745
243	2	1.0000	-2.331	0.000	0.0068	-0.7922	0.0061	-0.1587	0.0003	0.7745
243	3	0.9998	-1.773	0.000	0.0071	-0.4372	0.0075	-0.1332	-0.0003	0.7745
243	4	1.0004	-0.728	0.000	0.0102	-0.2933	0.0061	-0.1140	-0.0019	0.7745
243	5	1.0004	0.222	0.000	0.0014	-0.1600	0.0032	-0.1140	-0.0022	0.7745
243	6	1.0001	0.723	0.000	0.0068	0.1961	0.0034	-0.0819	-0.0011	0.7745
243	7	1.0003	1.67	0.000	-0.0193	0.4932	-0.0094	-0.0459	-0.0009	0.7745
243	8	1.0001	3.68	0.000	0.0155	0.8976	-0.0176	-0.0115	-0.0009	0.7745
243	9	1.0001		0.000	0.0155	0.8976	-0.0176	-0.0115	-0.0009	0.7745
244	1	1.0001	4.233	0.000	-0.1295	-0.7236	-0.0053	-0.0941	0.0010	0.7745
244	2	1.0001	-2.288	0.000	0.0522	-0.4588	0.0064	-0.0952	0.0024	0.7745
244	3	1.0002	-1.788	0.000	0.0232	-0.2926	0.0076	-0.0810	0.0044	0.7745
244	4	1.0000	-0.785	0.000	0.0152	-0.2025	0.0053	-0.0823	0.0024	0.7745
244	5	1.0000	0.285	0.000	0.0056	-0.1036	0.0053	-0.0823	0.0024	0.7745
244	6	1.0001	0.773	0.000	0.0127	0.1181	0.0052	-0.0573	0.0023	0.7745
244	7	1.0001	1.774	0.000	0.0356	0.3087	-0.0133	-0.0286	0.0013	0.7745
244	8	1.0001	3.776	0.000	0.0948	0.6119	-0.0168	-0.0121	0.0011	0.7745
244	9	1.0001		0.000	0.0948	0.6119	-0.0168	-0.0121	0.0011	0.7745
245	1	1.0002	5.211	0.000	-0.5937	-0.9833	-0.0331	0.1251	0.0059	0.7745
245	2	1.0001	-2.133	0.000	0.2436	-0.4393	0.0342	-0.0475	0.0059	0.7745
245	3	1.0002	-1.697	0.000	0.0920	-0.1703	0.0371	-0.0550	0.0059	0.7745
245	4	1.0000	-0.721	0.000	0.0478	-0.0898	0.0363	-0.0526	0.0059	0.7745
245	5	1.0002	0.218	0.000	0.0107	-0.0137	0.0356	-0.0626	0.0059	0.7745
245	6	1.0001	0.680	0.000	0.0615	0.1090	0.0334	-0.0646	0.0059	0.7745
245	7	1.0003	1.809	0.000	0.1841	-0.3266	-0.0233	-0.0716	0.0059	0.7745
245	8	1.0001	3.731	0.000	0.4149	-0.7639	-0.0265	-0.0657	0.0059	0.7745
245	9	1.0001		0.000	0.4149	-0.7639	-0.0265	-0.0657	0.0059	0.7745
246	1	0.9022	5.543	0.000	-0.4397	-0.8229	-0.0267	0.268	0.0059	0.7745
246	2	0.9021	-2.443	0.000	0.2227	-0.2713	0.0234	-0.0133	0.0059	0.7745
246	3	0.9021	-1.990	0.000	0.1178	-0.1093	0.0245	-0.0075	0.0059	0.7745
246	4	0.9020	-0.410	0.000	0.0333	-0.0493	0.0258	-0.0043	0.0059	0.7745
246	5	0.9020	0.159	0.000	0.0116	-0.0213	0.0253	-0.0040	0.0059	0.7745
246	6	0.9010	0.642	0.000	0.0480	0.0500	0.0219	-0.0108	0.0059	0.7745
246	7	0.9010	1.641	0.000	0.1356	-0.1499	-0.0193	-0.0152	0.0059	0.7745
246	8	0.9010	3.641	0.000	0.3469	-0.4991	-0.0213	-0.0152	0.0059	0.7745
246	9	0.9010		0.000	0.3469	-0.4991	-0.0213	-0.0152	0.0059	0.7745
246	10	0.9010	-0.641	0.000	-0.0030	0.0000	0.0000	0.0000	0.0059	0.7745

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run Pt	M_c	α	ϕ_A	C_N	C_m	C_Y	C_n	C_L	C_A
247	0.902	4.38	-0.00	-0.0709	-0.8701	-0.0326	0.001	-0.0010	0.052697
247	0.902	-4.36	-0.00	-0.0063	-0.6321	0.0010	-0.1231	-0.0006	0.070533
247	0.902	-1.36	-0.00	0.0076	-0.4007	0.0013	-0.1074	-0.0023	0.007459
247	0.902	-0.87	-0.00	0.0083	-0.2778	-0.0026	-0.1232	-0.0023	0.008274
247	0.902	-0.40	-0.00	0.0090	-0.1563	-0.0050	-0.0862	-0.0022	0.008262
247	0.902	0.09	-0.00	0.0098	-0.0228	-0.0054	-0.0095	-0.0010	0.008443
247	0.902	0.60	-0.00	0.0073	0.1424	-0.0123	-0.0362	-0.0021	0.008213
247	0.902	1.63	-0.00	0.0053	0.4256	-0.0054	-0.0061	-0.0036	0.008213
247	0.902	3.53	-0.00	0.0430	0.7648	-0.0227	0.0061	-0.0036	0.007804
248	0.902	4.35	-0.00	-0.0692	-0.7971	-0.0062	0.0895	-0.0020	0.040553
248	0.902	-4.37	-0.00	-0.0263	-0.7134	0.0041	-0.2027	-0.0010	0.045520
248	0.902	-1.44	-0.00	0.0269	-0.4832	0.0191	-0.1841	-0.0020	0.006972
248	0.903	-0.42	-0.00	0.0230	-0.3566	0.0158	-0.1623	-0.0023	0.007508
248	0.902	0.09	-0.00	0.0110	-0.2117	0.0192	-0.1591	-0.0023	0.008582
248	0.901	0.53	-0.00	0.0047	-0.0126	0.0051	-0.1102	-0.0016	0.007019
248	0.902	1.61	-0.00	-0.0107	0.4814	-0.0017	-0.1080	-0.0024	0.007243
248	0.902	3.57	-0.00	-0.0208	0.7972	-0.0017	0.0001	-0.0024	0.006403
249	0.701	4.51	0.00	-0.0921	-0.7027	-0.0007	0.1223	0.0007	0.031597
249	0.702	-4.52	0.00	-0.0143	-0.6787	0.0121	-0.1680	0.0002	0.035947
249	0.702	-1.03	-0.00	0.0260	-0.4899	0.0174	-0.1510	-0.0006	0.009627
249	0.702	-0.55	-0.00	0.0246	-0.3421	0.0093	-0.1421	-0.0009	0.009547
249	0.703	0.45	-0.00	0.0159	-0.2143	0.0049	-0.1310	-0.0011	0.001019
249	0.702	1.48	-0.00	0.0089	-0.0709	0.0027	-0.1267	-0.0012	0.001433
249	0.702	3.48	-0.00	-0.0027	0.4311	-0.0041	-0.0529	-0.0016	0.001532
249	0.702	4.48	-0.00	-0.0515	0.7181	-0.0046	0.0039	-0.0016	0.001532
250	0.702	4.54	0.00	-0.1407	-0.6369	-0.0130	0.0769	0.0010	0.056547
250	0.701	-4.52	-0.00	-0.0595	-0.4290	0.0080	-0.0910	-0.0004	0.008957
250	0.702	-1.50	-0.00	-0.0150	-0.2291	-0.0055	-0.0771	-0.0006	0.009180
250	0.702	-0.52	-0.00	0.0042	-0.1215	-0.0028	-0.0705	-0.0009	0.008664
250	0.702	0.46	-0.00	0.0211	-0.0526	-0.0040	-0.0697	-0.0003	0.008664
250	0.701	1.46	-0.00	0.0490	0.2188	-0.0099	-0.0434	-0.0007	0.009051
250	0.701	3.47	-0.00	0.1228	0.4553	-0.0151	0.0055	-0.0013	0.009351
251	0.702	4.49	0.00	-0.4106	0.5394	-0.0290	-0.0077	0.0058	0.11513
251	0.702	-4.47	0.00	-0.2091	0.2376	-0.0274	0.0030	0.0069	0.12557
251	0.702	-1.54	0.00	-0.1248	0.1266	-0.0285	0.0162	0.0068	0.12503

TABLE VII
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M_c	α	ϕ_A	C_N	C_m	C_Y	C_n	C_l	C_A
251	4	0.702	-1.08	0.00	-0.0010	0.0842	-0.0259	0.0151	0.0067	0.12624
251	5	0.702	-0.53	0.00	-0.0045	0.0359	-0.0286	0.0328	0.0066	0.12437
251	7	0.702	-0.47	0.00	0.00575	-0.00926	-0.0306	0.0386	0.0072	0.12325
251	8	0.701	1.50	0.00	0.1436	-0.01836	-0.0255	0.0461	0.0048	0.12186
251	10	0.701	3.38	0.00	0.3173	-0.04034	-0.0265	0.0575	0.0051	0.12167
251	10	0.701	-0.56	0.00	-0.0351	0.0297	-0.0275	0.0256	0.0066	0.12470
253	3	0.700	4.56	-0.00	-0.1905	-0.2856	0.0101	0.1320	0.0012	0.07749
253	4	0.701	-2.57	0.00	-0.0286	-0.5089	0.0371	0.2071	0.0026	0.09759
253	5	0.700	-1.62	0.00	0.0098	-0.4522	0.0471	0.2603	0.0044	0.09912
253	6	0.700	-1.05	0.00	0.0138	-0.3562	0.0422	0.2320	0.0021	0.11086
253	7	0.701	-0.55	0.00	0.0111	-0.2170	0.0392	0.2003	0.0022	0.11389
253	8	0.701	-0.04	0.00	0.0152	0.0019	0.0355	0.2060	0.0013	0.11590
253	9	0.701	0.38	0.00	-0.0439	0.2054	0.0342	0.2003	0.0013	0.11946
253	10	0.701	1.48	0.00	-0.0333	0.4548	0.0242	0.1646	0.0013	0.11871
253	11	0.700	3.33	0.00	0.0465	0.5214	0.0000	0.1546	0.0033	0.09801
254	1	0.902	4.37	-0.00	-0.1147	-0.5683	0.061	0.1373	0.0024	0.0999
254	2	0.901	-2.41	0.00	-0.0110	-0.5593	0.0380	0.2700	0.0012	0.06606
254	3	0.902	-1.42	0.00	0.0337	-0.5127	0.0476	0.2748	0.0023	0.07794
254	4	0.901	-0.87	0.00	0.0384	-0.4006	0.0436	0.2637	0.0031	0.07743
254	5	0.901	-0.42	0.00	0.0261	-0.2429	0.0403	0.2642	0.0037	0.08256
254	6	0.902	0.06	0.00	0.0080	0.0226	0.0317	0.2145	0.0027	0.08714
254	7	0.901	0.55	0.00	-0.0403	0.2922	0.0274	0.2145	0.0027	0.08714
254	8	0.902	1.61	0.00	-0.0486	0.5674	-0.0240	0.1898	0.0045	0.06550
254	9	0.901	3.58	0.00	0.0139	0.7457	-0.0064	0.1047	0.0045	0.06550
255	1	1.000	-0.31	-0.00	0.0387	-0.2701	0.0390	-0.2641	-0.0027	0.10876
256	1	1.001	4.24	0.00	-0.0514	-0.9374	0.012	0.1149	0.0029	0.08492
256	2	1.002	-2.33	0.00	0.0351	-0.8047	0.0481	0.3103	0.0029	0.08492
256	3	1.002	-1.29	0.00	0.0456	-0.5587	0.0313	0.2530	0.0033	0.11301
256	4	1.003	-0.77	0.00	0.0421	-0.4203	0.0267	0.2191	0.0033	0.11425
256	5	1.003	-0.25	0.00	0.0323	-0.2343	0.0161	0.1542	0.0033	0.11784
256	6	1.002	0.20	0.00	0.0100	-0.0034	0.0101	0.1501	0.0025	0.12140
256	7	1.001	0.72	0.00	-0.0369	0.2406	-0.0009	0.1160	0.0030	0.11506
256	8	1.001	1.69	0.00	-0.0312	0.5890	0.0112	0.1501	0.0037	0.11506
256	9	1.001	3.67	0.00	-0.0121	1.0013	0.0016	0.1521	0.0037	0.09708
257	1	1.003	4.23	0.00	-0.0421	-1.0037	0.0192	0.1972	0.0023	0.10450
257	2	1.000	-2.33	0.00	0.0416	-0.8440	0.0174	0.2002	0.0031	0.10450
257	3	1.000	-1.33	0.00	0.0330	-0.5443	0.0110	0.1700	0.0028	0.11349

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M_c	α	ϕ_A	C_N	C_m	C_Y	C_n	C_l	C_A
257	4	1.000	-0.72	-0.00	0.0360	-0.3647	0.0093	-0.1675	-0.0029	0.1734
257	5	1.000	-0.26	-0.00	0.0275	-0.2109	0.0031	-0.1374	-0.0030	0.1271
257	6	1.000	0.73	-0.00	0.0152	-0.0261	-0.0031	-0.1269	-0.0031	0.1200
257	7	1.001	1.68	-0.00	-0.0046	0.2175	-0.0003	-0.1017	-0.0032	0.1265
257	8	1.001	3.66	-0.00	-0.0213	0.5411	-0.0037	-0.0701	-0.0012	0.1308
257	9	1.001		-0.00	-0.0049	1.0260	0.0048	-0.0918	-0.0031	0.1396
258	1	1.000	4.19	0.00	-0.0833	0.8632	-0.0039	-0.1258	0.0038	0.1031
258	2	1.003	-1.32	-0.00	0.0248	-0.5699	-0.0065	-0.0989	-0.0025	0.1805
258	3	1.000	-1.72	-0.00	0.0020	-0.3973	-0.0010	-0.0738	-0.0036	0.1263
258	4	1.000	0.25	-0.00	0.0064	-0.2617	-0.0010	-0.0766	-0.0035	0.1379
258	5	1.002	0.17	-0.00	0.0133	-0.1498	-0.0011	-0.0704	-0.0031	0.1355
258	6	1.001	1.79	-0.00	0.0152	0.1460	-0.0096	-0.0504	-0.0033	0.1370
258	7	1.000	1.73	-0.00	0.0257	0.3643	-0.0081	-0.0487	-0.0039	0.1284
258	8	1.000	3.76	-0.00	0.0697	0.5179	-0.0014	-0.0235	-0.0041	0.1259
258	9	1.001	5.63	-0.00	0.0842	0.6843	-0.0161	-0.0222	-0.0056	0.1129
258	10	1.001	7.64	-0.00	0.2069	0.7523	-0.0236	-0.0422	-0.0052	0.1049
258	11	1.001	11.67	0.00	0.6723	0.5623	-0.0448	-0.0477	-0.0016	0.1020
258	12	1.001		0.00	0.8462	0.3135	-0.0046	0.1147	0.0065	0.1024
259	2	1.000	2.4	-0.00	0.2127	0.3662	0.003	0.0578	0.0035	0.1717
259	3	1.000	-1.22	-0.00	0.0510	-0.3165	-0.0017	-0.0530	-0.0034	0.1242
259	4	1.000	0.22	-0.00	0.0145	-0.2345	-0.0009	-0.0536	-0.0034	0.1369
259	5	1.002	0.22	-0.00	0.0422	-0.1882	-0.0018	-0.0389	-0.0031	0.1379
259	6	1.002	0.78	-0.00	0.0295	-0.1352	-0.0018	-0.0345	-0.0029	0.1407
259	7	1.001	3.82	-0.00	0.0696	0.0866	-0.0153	-0.0345	-0.0049	0.1393
259	8	1.001		-0.00	0.1842	0.1981	-0.0169	-0.0214	-0.0049	0.1286
259	9	1.001		0.00	0.4059	0.2498	0.0190	0.0008	0.0049	0.1286
260	4	1.207	2.5	0.00	0.0154	-0.1501	0.0630	0.2651	0.0023	0.337
260	5	1.202	-1.16	0.00	0.0822	-0.1983	-0.0489	-0.2516	-0.0072	0.336
260	6	1.204	-1.27	0.00	0.0842	-0.1117	-0.0609	-0.2389	-0.0034	0.327
260	7	1.201	0.74	0.00	0.0352	-0.0511	-0.0562	-0.2323	-0.0019	0.359
260	8	1.201	3.27	0.00	0.0240	-0.1402	-0.0477	-0.2320	-0.0054	0.347
260	9	1.204	0.82	0.00	0.0630	0.1302	0.0582	-0.2323	-0.0027	0.347
260	10	1.203	1.80	0.00	0.0524	0.8093	0.0582	-0.2320	-0.0019	0.347
260	11	1.204		0.00	0.0924	0.2036	0.0582	-0.2320	-0.0019	0.347
260	12	1.204		0.00	0.0539	0.2036	0.0582	-0.2320	-0.0019	0.347
260	13	1.204		0.00	0.0539	0.2036	0.0582	-0.2320	-0.0019	0.347

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M_c	α	ϕ_A	C_N	C_m	C_y	C_n	C_l	C_A
261	1	1.203	4.28	-0.00	-0.0158	-1.381	0.0237	-0.1727	-0.0003	0.3531
261	2	1.203	-2.23	0.00	0.0874	-1.0608	0.0542	0.2399	0.0060	0.1453
261	3	1.203	-1.77	0.00	0.0874	-1.0608	0.0604	-0.3045	0.0024	0.1574
261	4	1.204	-0.24	0.00	0.0711	-0.5538	0.0571	0.2815	0.0007	0.1662
261	5	1.203	0.77	0.00	0.0476	-0.2841	0.0519	-0.2650	0.0009	0.1780
261	6	1.203	0.24	-0.00	0.0243	0.1740	0.0456	0.2874	0.0011	0.1603
261	7	1.203	0.77	0.00	-0.0682	0.4525	0.0498	-0.2724	0.0020	0.1675
261	8	1.203	3.66	0.00	-0.1095	0.9102	0.0297	-0.1380	0.0012	0.1452
261	9	1.203		0.00	-0.0573	1.2593	0.0329			
262	4	1.202	4.19	0.00	0.0007	-1.3833	-0.0474	0.0805	0.0001	0.3531
262	5	1.203	-2.23	0.00	0.0822	-1.1375	0.0438	0.2705	0.0059	0.1453
262	6	1.203	-1.77	0.00	0.0792	-1.0610	0.0406	-0.2601	0.0020	0.1574
262	7	1.203	-0.24	0.00	0.0526	-0.5798	0.0397	0.2427	0.0013	0.1662
262	8	1.203	0.77	0.00	0.0230	-0.2108	0.0340	-0.1650	0.0009	0.1780
262	9	1.203	0.24	0.00	0.0663	0.4535	0.0206	0.1008	0.0033	0.1603
262	10	1.204	0.76	0.00	-0.1067	0.9535	0.0130	-0.1583	0.0018	0.1453
262	11	1.201	1.85	0.00	0.0991	-1.2480	0.0109	0.1339	0.0033	0.1574
262	12	1.204	3.76	0.00	0.0621	-1.3639	0.0139	-0.0482	0.0015	0.3531
262	13	1.204	5.68	0.00	0.2620	1.3686	0.0163	0.0299	0.0007	0.1662
262	14	1.204	7.80	-0.00	0.4924	1.3687	0.0159	-0.0154	0.0001	0.1780
262	15	1.204	9.90	0.00	0.7771	1.2875	0.0029	0.0154	0.0001	0.1603
262	16	1.203	11.78	0.00	0.9497	1.0420	0.0020	0.0154	0.0001	0.1453
263	1	1.201	4.17	0.00	0.0943	-1.0829	0.0493	0.1586	0.0034	0.3531
263	2	1.202	-2.23	0.00	0.0637	-0.5699	0.0093	0.1382	0.0018	0.1574
263	3	1.203	-1.77	0.00	0.0205	-0.3743	0.0033	-0.1303	0.0024	0.1662
263	4	1.203	-0.24	0.00	0.0124	-0.2398	0.0085	0.1232	0.0024	0.1780
263	5	1.203	0.77	0.00	0.0124	0.1055	0.0069	-0.1170	0.0018	0.1603
263	6	1.203	0.24	0.00	0.0030	0.1869	0.0039	0.1000	0.0009	0.1780
263	7	1.204	0.77	0.00	0.0182	0.4311	0.0015	-0.0686	0.0029	0.1603
263	8	1.203	3.81	0.00	0.0929	0.7716	0.0012	0.0016	0.0001	0.3531
264	1	1.203	4.17	0.00	0.5467	1.0656	0.0143	0.0805	0.0019	0.3531
264	2	1.203	-2.23	0.00	0.3025	0.5554	0.0135	0.0528	0.0025	0.1574
264	3	1.204	-1.77	0.00	0.1798	0.3599	0.0115	-0.0439	0.0015	0.1662
264	4	1.204	-0.24	0.00	0.1188	0.2125	0.0111	0.0394	0.0024	0.1780
264	5	1.204	0.77	0.00	0.0537	0.1358	0.0112	-0.0342	0.0015	0.1603
264	6	1.204	0.24	0.00	0.0160	0.1358	0.0111	0.0280	0.0011	0.1780
264	7	1.203	0.76	0.00	0.0640	0.3758	0.0113	0.0280	0.0011	0.1603
264	8	1.203	1.85	0.00	0.1903	0.5758	0.0113	0.0280	0.0011	0.1780
264	9	1.203	3.76	0.00	0.4643	0.9558	0.0113	0.0280	0.0011	0.1603
264	10	1.203	5.68	0.00	0.7771	1.2875	0.0029	0.0154	0.0001	0.1453
264	11	1.203	7.80	0.00	0.9497	1.0420	0.0020	0.0154	0.0001	0.1574
264	12	1.203	9.90	0.00	0.9497	1.0420	0.0020	0.0154	0.0001	0.1662
264	13	1.203	11.78	0.00	0.9497	1.0420	0.0020	0.0154	0.0001	0.1780

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M_c	α	ϕ_A	C_N	C_m	C_Y	C_n	C_l	C_A
264	9	1.202	2.90	0.00	0.3236	-0.6357	-0.0094	-0.0146	0.0019	0.3363
264	10	1.203	3.84	0.00	0.4416	-0.8620	-0.0130	-0.0053	0.0017	0.3353
264	11	1.203	5.67	0.00	0.6656	-1.2775	-0.0118	-0.0018	0.0015	0.3326
264	12	1.204	7.73	0.00	0.9505	-1.7409	-0.0105	-0.0084	0.0026	0.2420
264	13	1.203	9.78	0.00	1.2289	-2.1318	-0.0121	-0.0099	0.0034	0.2399
264	14	1.203	11.78	0.00	1.5358	-2.4818	-0.0175	-0.0033	0.0024	0.2345
264	15	1.203	13.20	0.00	-0.0533	-0.0904	-0.0141	-0.0281	0.0024	0.2363
265	1	1.002	4.19	-0.00	0.5612	1.2052	-0.0432	0.470	0.0014	0.1762
265	2	1.002	5.27	-0.00	0.3033	0.5984	-0.0476	0.0756	0.0001	0.1807
265	3	1.005	6.30	-0.00	0.1820	0.3421	-0.0462	0.0812	0.0005	0.1860
265	4	1.000	7.26	-0.00	0.1220	0.2276	-0.0470	0.0913	0.0005	0.1850
265	5	1.000	8.21	-0.00	0.0615	0.0143	-0.0470	0.0968	0.0006	0.1865
265	6	1.003	9.17	0.00	0.0557	-0.1459	-0.0415	0.0938	0.0027	0.1846
265	7	1.000	10.12	0.00	0.1739	-0.3586	-0.0435	0.0930	0.0003	0.1835
265	8	1.002	11.09	0.00	0.3173	-0.5659	-0.0435	0.0963	0.0013	0.1834
265	9	1.001	12.03	0.00	0.4458	-0.7659	-0.0431	0.0883	0.0014	0.1770
265	10	1.001	13.03	0.00	0.7170	-1.1237	-0.0312	0.0863	0.0017	0.1755
265	11	1.001	14.03	0.00	1.0377	-1.6437	-0.0319	0.0866	0.0047	0.1740
265	12	1.001	15.03	0.00	1.5166	-2.2229	-0.0355	0.1017	0.0090	0.1740
265	13	1.003	16.03	-0.00	1.0577	-2.1002	-0.0441	0.1086	0.0001	0.1546
266	1	0.902	3.19	0.00	0.4742	0.7917	-0.0324	0.1507	0.0015	0.2392
266	2	0.902	4.37	0.00	0.2610	0.4009	-0.0323	0.0345	0.0014	0.2392
266	3	0.901	5.51	0.00	0.1593	0.2225	-0.0338	0.0435	0.0005	0.2340
266	4	0.901	6.68	0.00	0.1090	0.1416	-0.0338	0.0518	0.0005	0.2340
266	5	0.901	7.82	0.00	0.0485	0.0551	-0.0338	0.0597	0.0006	0.2340
266	6	0.901	8.95	0.00	0.0367	0.0093	-0.0338	0.0623	0.0006	0.2340
266	7	0.901	10.05	0.00	0.1405	-0.2463	-0.0338	0.0710	0.0009	0.2340
266	8	0.902	11.12	0.00	0.2569	-0.4271	-0.0338	0.0834	0.0009	0.2340
266	9	0.902	12.20	0.00	0.3583	-0.6271	-0.0338	0.0834	0.0016	0.2340
266	10	0.900	13.28	0.00	0.5883	-1.0458	-0.0338	0.0834	0.0016	0.2340
266	11	0.900	14.35	0.00	0.8325	-1.4790	-0.0338	0.0834	0.0016	0.2340
266	12	0.902	15.42	0.00	1.0755	-1.7967	-0.0338	0.0834	0.0016	0.2340
266	13	0.902	16.49	0.00	1.2766	-2.1766	-0.0338	0.0834	0.0016	0.2340
266	14	0.902	17.56	0.00	1.0555	-2.0627	-0.0338	0.0834	0.0016	0.2340
266	15	0.902	18.63	0.00	0.0694	-0.8426	0.0068	0.1142	0.0015	0.0566
267	1	0.902	2.28	-0.00	-0.0694	-0.7582	0.0068	0.1142	0.0015	0.0566
267	2	0.902	3.35	-0.00	-0.0240	-0.0464	0.0068	0.1142	0.0015	0.0566

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M_c	α	ϕ_A	C_N	C_m	C_L	C_D	C_A
267	3	0.903	1.48	-0.00	0.0242	-0.5462	0.0399	-0.2684	0.07617
267	4	0.903	-1.089	-0.00	0.0242	-0.3982	0.0351	-0.0000	0.07962
267	5	0.902	-0.40	-0.00	0.0153	-0.2287	0.0312	-0.0000	0.08756
267	6	0.902	0.58	-0.00	-0.0133	-0.0013	0.0210	-0.0000	0.09501
267	7	0.902	1.53	-0.00	-0.0367	0.2537	0.0139	-0.0000	0.08128
267	8	0.901	3.54	-0.00	-0.0572	0.5736	0.0179	-0.0000	0.06656
267	9	0.901		-0.00	-0.0199	0.9266	0.0270	-0.0044	0.06656
268	1	0.903	3.5	-0.00	0.0581	-1.048	-0.0241	-0.0000	0.04583
268	2	0.902	-2.41	-0.00	0.0074	-0.7666	-0.0007	-0.0000	0.07106
268	3	0.902	-1.35	-0.00	-0.0033	-0.4522	0.0109	-0.0000	0.08534
268	4	0.903	-0.85	-0.00	-0.0033	-0.3162	0.0078	-0.0000	0.08534
268	5	0.903	0.40	-0.00	-0.0065	-0.1824	0.0047	-0.0000	0.08534
268	6	0.901	1.10	-0.00	-0.0198	-0.1239	0.0059	-0.0000	0.08534
268	7	0.901	1.61	-0.00	-0.0364	0.5139	0.0022	-0.0000	0.08534
268	8	0.901	3.58	-0.00	-0.0364	0.8030	0.0022	-0.0000	0.08534
268	9	0.902	5.48	-0.00	0.1103	0.9204	0.0092	-0.0000	0.07525
268	10	0.901	7.54	-0.00	0.3486	0.6034	0.0167	-0.0000	0.05377
268	11	0.901	9.53	0.00	0.5744	0.3395	-0.0256	-0.0000	0.03377
268	12	0.902	11.61	0.00	0.7451	0.4498	-0.0429	0.0000	0.01261
269	1	0.902	3.1	0.00	0.1206	-0.7696	0.0108	-0.0000	0.07525
269	2	0.902	-2.41	-0.00	-0.0494	-0.5477	-0.0006	-0.0000	0.08534
269	3	0.901	-1.40	-0.00	-0.0199	-0.3559	0.0039	-0.0000	0.08534
269	4	0.902	0.38	-0.00	-0.0146	-0.1334	0.0016	-0.0000	0.08534
269	5	0.902	1.56	-0.00	-0.0033	0.0289	0.0029	-0.0000	0.08534
269	6	0.901	3.59	-0.00	0.0041	0.1051	-0.0001	-0.0000	0.08534
269	7	0.902	5.48	-0.00	0.0717	0.6302	0.0008	-0.0000	0.08534

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M _c	α	φ _A	C _N	C _m	C _y	C _n	C _l	C _A
270	4	0.700	4.47	0.00	0.1024	0.7538	0.02360	1.735	0.303	0.000
270	5	0.701	4.53	0.00	0.02135	0.7616	0.02884	1.435	0.000	0.000
270	6	0.701	4.54	0.00	0.0135	0.5300	0.02643	2.097	0.000	0.000
270	8	0.700	4.54	0.00	0.0094	0.2340	0.02333	1.773	0.000	0.000
270	10	0.701	4.65	0.00	0.0056	0.0418	0.0207	1.679	0.000	0.000
270	11	0.700	4.54	0.00	0.00582	0.1904	0.0137	1.279	0.000	0.000
270	12	0.701	3.47	0.00	0.0133	0.5836	0.0084	0.996	0.000	0.000
271	1	0.700	4.57	0.00	0.1673	0.7125	0.02360	1.735	0.303	0.000
271	2	0.700	4.51	0.00	0.0773	0.3242	0.0000	0.497	0.000	0.000
271	3	0.701	4.50	0.00	0.0289	0.2642	0.0000	0.894	0.000	0.000
271	5	0.701	4.50	0.00	0.0137	0.1291	0.0000	0.991	0.000	0.000
271	6	0.702	4.41	0.00	0.0125	0.1950	0.0000	0.927	0.000	0.000
271	7	0.702	4.50	0.00	0.0373	0.4742	0.0000	0.571	0.000	0.000
271	8	0.702	4.56	0.00	0.0810	0.5613	0.0000	0.705	0.000	0.000
271	9	0.702	4.34	0.00	0.1022	0.3722	0.0000	0.464	0.000	0.000
271	10	0.701	4.42	0.00	0.3673	0.0795	0.02360	0.000	0.000	0.000
271	11	0.701	4.46	0.00	0.6031	0.0479	0.02360	0.000	0.000	0.000
271	12	0.701	4.46	0.00	0.8031	0.0000	0.02360	0.000	0.000	0.000
272	1	0.700	4.56	0.00	0.2473	0.2893	0.0000	0.707	0.374	0.000
272	2	0.701	4.55	0.00	0.1237	0.4428	0.0000	0.882	0.000	0.000
272	3	0.701	4.55	0.00	0.0655	0.1928	0.0000	0.810	0.000	0.000
272	4	0.700	4.54	0.00	0.0416	0.2642	0.0000	0.715	0.000	0.000
272	5	0.700	4.52	0.00	0.0312	0.0833	0.0000	0.547	0.000	0.000
272	6	0.700	4.51	0.00	0.0190	0.0736	0.0000	0.497	0.000	0.000
272	7	0.700	4.50	0.00	0.0141	0.2936	0.0000	0.400	0.000	0.000
272	8	0.701	4.50	0.00	0.1411	0.0000	0.0140	0.000	0.000	0.000
273	1	0.702	4.58	0.00	0.4959	0.0000	0.0000	0.907	0.000	0.000
273	2	0.701	4.57	0.00	0.2659	0.0000	0.0000	0.610	0.000	0.000
273	3	0.702	4.50	0.00	0.1889	0.0000	0.0000	0.310	0.000	0.000
273	4	0.701	4.52	0.00	0.0970	0.0000	0.0000	0.425	0.000	0.000
273	5	0.702	4.52	0.00	0.0047	0.0000	0.0000	0.000	0.000	0.000
273	6	0.702	4.53	0.00	0.0023	0.0000	0.0000	0.000	0.000	0.000
273	7	0.702	4.53	0.00	0.0011	0.0000	0.0000	0.000	0.000	0.000
273	8	0.702	4.53	0.00	0.0000	0.0000	0.0000	0.000	0.000	0.000

TABLE III
AERODYNAMIC DATA - BODY AXIS SYSTEM

Run	Pt	M_c	α	ϕ_A	C_N	C_m	C_Y	C_D	C_L	C_A
273	9	0.700	2.49	0.00	0.2135	-0.3267	-0.0330	0.0726	0.0111	0.0000
273	10	0.702	3.50	0.00	0.3145	-0.4834	-0.0315	0.0766	0.0000	0.0000
273	11	0.701	5.33	0.00	0.5209	-0.8375	-0.0290	0.0814	0.0000	0.0000
273	12	0.702	7.38	0.00	0.7703	-1.3013	-0.0277	0.0838	0.0000	0.0000
273	13	0.701	9.46	0.00	1.0012	-1.5855	-0.0235	0.0835	0.0000	0.0000
273	14	0.702	11.51	0.00	1.1956	-1.6360	-0.0323	0.0972	0.0000	0.0000
273	15	0.702	-0.54	0.00	-0.0866	0.1173	-0.0343	0.0466	0.0000	0.0000

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run Pt	M _c	α	ϕ_A	C _{Pc}	C _{Pb1}	C _{Pb2}	ΔC_A	ΔC_{A_b}	C _{Au}
555555555	1.199 1.198 1.201 1.198 1.200 1.198 1.199	-0.357 -0.330 -0.266 -0.239 -0.211 -0.244 -0.225	-0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000	0.181 0.390 0.489 -0.198 0.546 0.603 0.629	0.137 0.125 0.316 -0.215 0.433 0.510 0.530	0.134 0.327 0.420 -0.461 0.504 0.552 0.552	0.653 0.140 0.176 0.171 0.196 0.217 0.226	0.653 0.140 0.176 0.171 0.196 0.217 0.226	0.000 0.000 0.000 0.000 0.000 0.000 0.000
666666666	1.000 1.000 1.002 1.002 1.001 1.001 1.002	-0.320 -0.309 -0.235 -0.302 -0.331 -0.327 -0.330	-0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000	0.783 0.779 0.704 0.614 0.528 0.439 0.230	0.686 0.669 0.542 0.547 0.568 0.277 0.183	0.663 0.530 0.475 0.370 0.270 0.210 0.210	0.280 0.282 0.221 0.190 0.151 0.185 0.066	0.280 0.282 0.221 0.190 0.151 0.185 0.066	0.000 0.000 0.000 0.000 0.000 0.000 0.000
777777777	0.902 0.901 0.902 0.901 0.902 0.901 0.909	-0.445 -0.446 -0.444 -0.444 -0.444 -0.444 -0.444	-0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000	0.124 0.221 0.418 0.528 0.680 0.680 0.731	0.153 0.163 0.356 0.454 0.563 0.563 0.611	0.149 0.167 0.357 0.459 0.522 0.522 0.625	0.436 0.607 1.150 1.590 2.144 2.144 2.263	0.436 0.607 1.150 1.590 2.144 2.144 2.263	0.000 0.000 0.000 0.000 0.000 0.000 0.000
888888888	0.685 0.689 0.684 0.686 0.685 0.685 0.686	-0.566 -0.559 -0.565 -0.565 -0.565 -0.565 -0.565	-0.000 -0.000 -0.000 -0.000 -0.000 -0.000 -0.000	0.101 0.682 0.642 0.596 0.599 0.547 0.219	0.135 0.627 0.511 0.414 0.328 0.278 0.132	0.137 0.607 0.537 0.414 0.328 0.268 0.134	0.364 0.527 0.233 0.179 0.145 0.125 0.035	0.364 0.527 0.233 0.179 0.145 0.125 0.035	0.000 0.000 0.000 0.000 0.000 0.000 0.000
999	0.400 0.399 0.399	-4.60 -2.72 -1.70	-0.000 -0.000 -0.000	0.589 0.549 0.549	0.341 0.402 0.432	0.382 0.424 0.444	0.227 0.197 0.197	0.227 0.197 0.197	0.000 0.000 0.000

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M _c	α	φ _A	C _{Pc}	C _{Pb1}	C _{Pb2}	ΔC _{Ac}	ΔC _{Ab}	C _{Au}
9	7	0.397	-1.24	-0.00	0.522	0.339	0.464	0.00	0.00	0.00
9	8	0.399	-1.68	-0.00	0.525	0.440	0.458	0.00	0.00	0.00
9	9	0.398	-0.23	-0.00	0.532	0.454	0.458	0.00	0.00	0.00
9	10	0.398	0.27	-0.00	0.539	0.466	0.460	0.00	0.00	0.00
9	11	0.398	1.29	-0.00	0.531	0.457	0.460	0.00	0.00	0.00
9	12	0.398	3.27	-0.00	0.567	0.423	0.419	0.00	0.00	0.00
9	13	0.398	-0.71	-0.00	0.524	0.465	0.468	0.00	0.00	0.00
10	1	0.400	4.66	-0.00	0.74	0.100	0.104	0.00	0.00	0.00
10	2	0.399	-2.73	-0.00	0.074	0.100	0.100	0.00	0.00	0.00
10	3	0.400	-1.73	-0.00	0.076	0.103	0.100	0.00	0.00	0.00
10	4	0.401	-1.22	-0.00	0.073	0.093	0.098	0.00	0.00	0.00
10	5	0.401	-0.69	-0.00	0.074	0.101	0.097	0.00	0.00	0.00
10	6	0.401	-0.24	-0.00	0.077	0.092	0.092	0.00	0.00	0.00
10	7	0.402	0.29	-0.00	0.078	0.092	0.092	0.00	0.00	0.00
10	8	0.400	1.29	-0.00	0.076	0.090	0.092	0.00	0.00	0.00
10	9	0.400	3.23	-0.00	0.085	0.102	0.111	0.00	0.00	0.00
10	10	0.401	5.26	-0.00	0.100	0.126	0.129	0.00	0.00	0.00
10	11	0.398	7.25	0.00	0.126	0.141	0.149	0.00	0.00	0.00
10	12	0.399	9.27	0.00	0.136	0.154	0.157	0.00	0.00	0.00
10	13	0.398	11.27	-0.00	0.176	0.187	0.193	0.00	0.00	0.00
11	1	0.399	4.63	-0.00	0.58	0.325	0.329	0.00	0.00	0.00
11	2	0.400	-2.73	-0.00	0.386	0.325	0.329	0.00	0.00	0.00
11	3	0.400	-1.73	-0.00	0.386	0.325	0.329	0.00	0.00	0.00
11	4	0.400	-1.21	-0.00	0.379	0.323	0.319	0.00	0.00	0.00
11	5	0.401	-0.74	-0.00	0.371	0.323	0.319	0.00	0.00	0.00
11	6	0.401	-0.26	-0.00	0.376	0.322	0.318	0.00	0.00	0.00
11	7	0.401	0.28	-0.00	0.371	0.322	0.318	0.00	0.00	0.00
11	8	0.402	1.28	-0.00	0.371	0.322	0.318	0.00	0.00	0.00
11	9	0.401	3.27	-0.00	0.359	0.316	0.312	0.00	0.00	0.00
11	10	0.401	5.27	-0.00	0.359	0.316	0.312	0.00	0.00	0.00
11	11	0.401	7.25	-0.00	0.328	0.287	0.284	0.00	0.00	0.00
11	12	0.401	9.25	-0.00	0.304	0.264	0.262	0.00	0.00	0.00
11	13	0.401	11.30	-0.00	0.364	0.230	0.230	0.00	0.00	0.00
12	1	0.702	4.54	-0.00	0.120	0.149	0.149	0.00	0.00	0.00
12	2	0.700	-2.58	-0.00	0.109	0.137	0.134	0.00	0.00	0.00
12	3	0.700	-1.52	-0.00	0.111	0.138	0.134	0.00	0.00	0.00
12	4	0.701	-0.59	-0.00	0.105	0.137	0.135	0.00	0.00	0.00

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{Pc}	C_{Pb1}	C_{Pb2}	ΔC_{Ac}	ΔC_{Ab}	C_{Au}
12	9	0.701	-0.18	0.00	-0.109	-0.137	-0.137	0.3915	0.0059	0.00
12	10	0.700	-0.47	0.00	-0.109	-0.137	-0.137	0.3925	0.0059	0.00
12	11	0.700	1.46	0.00	-0.113	-0.137	-0.137	0.4101	0.0059	0.00
12	12	0.701	5.37	0.00	-0.129	-0.142	-0.151	0.4169	0.0059	0.00
12	13	0.700	7.40	0.00	-0.147	-0.155	-0.163	0.4320	0.0059	0.00
12	14	0.700	9.38	0.00	-0.161	-0.160	-0.190	0.4580	0.0059	0.00
12	15	0.701	11.45	0.00	-0.170	-0.199	-0.206	0.4613	0.0059	0.00
12	16	0.700	-10.58	-0.00	-0.105	-0.205	-0.213	0.4607	0.0059	0.00
12	17	0.700	-4.47	-0.00	0.424	-0.135	-0.139	0.5066	0.0059	0.00
13	1	0.699	4.61	-0.00	0.424	0.369	0.462	0.5066	0.0059	0.00
13	2	0.700	-1.56	-0.00	0.424	0.369	0.462	0.5066	0.0059	0.00
13	3	0.699	-1.09	-0.00	0.424	0.369	0.462	0.5066	0.0059	0.00
13	4	0.699	-0.59	-0.00	0.424	0.369	0.462	0.5066	0.0059	0.00
13	5	0.700	-0.08	-0.00	0.416	0.345	0.442	0.5066	0.0059	0.00
13	6	0.700	0.38	-0.00	0.416	0.345	0.442	0.5066	0.0059	0.00
13	7	0.700	1.46	-0.00	0.416	0.345	0.442	0.5066	0.0059	0.00
13	8	0.699	3.45	-0.00	0.421	0.345	0.442	0.5066	0.0059	0.00
13	9	0.699	-0.59	-0.00	0.421	0.345	0.442	0.5066	0.0059	0.00
13	10	0.701	-4.59	-0.00	0.655	0.351	0.352	0.5117	0.0059	0.00
14	1	0.701	5.59	-0.00	0.655	0.351	0.352	0.5117	0.0059	0.00
14	2	0.701	-1.53	-0.00	0.655	0.351	0.352	0.5117	0.0059	0.00
14	3	0.701	-1.15	-0.00	0.655	0.351	0.352	0.5117	0.0059	0.00
14	4	0.701	-0.11	-0.00	0.655	0.351	0.352	0.5117	0.0059	0.00
14	5	0.700	0.437	-0.00	0.655	0.351	0.352	0.5117	0.0059	0.00
14	6	0.701	1.37	-0.00	0.655	0.351	0.352	0.5117	0.0059	0.00
14	7	0.701	3.44	-0.00	0.655	0.351	0.352	0.5117	0.0059	0.00
14	8	0.702	5.36	-0.00	0.655	0.351	0.352	0.5117	0.0059	0.00
14	9	0.701	7.39	-0.00	0.655	0.351	0.352	0.5117	0.0059	0.00
14	10	0.701	9.41	-0.00	0.655	0.351	0.352	0.5117	0.0059	0.00
14	11	0.700	11.46	-0.00	0.655	0.351	0.352	0.5117	0.0059	0.00
14	12	0.702	-4.52	-0.00	0.779	0.351	0.352	0.5117	0.0059	0.00
14	13	0.702	-1.56	-0.00	0.779	0.351	0.352	0.5117	0.0059	0.00
14	14	0.703	-1.15	-0.00	0.779	0.351	0.352	0.5117	0.0059	0.00
14	15	0.700	-0.11	-0.00	0.779	0.351	0.352	0.5117	0.0059	0.00
14	16	0.700	0.436	-0.00	0.779	0.351	0.352	0.5117	0.0059	0.00
14	17	0.699	1.36	-0.00	0.779	0.351	0.352	0.5117	0.0059	0.00

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M _c	α	ϕ_A	C _{Pc}	C _{Pb1}	C _{Pb2}	ΔC_{Ac}	ΔC_{Ab}	C _{Au}
15	8	0.699	1.41	-0.00	0.658	0.520	0.476	0.23708	0.319229	-0.47430
15	9	0.699	3.39	-0.00	0.725	0.469	0.396	0.26117	0.27728	-0.46352
16	15	0.900	-4.38	0.00	-0.136	-0.167	-0.166	-0.04900	-0.10686	0.3541
16	16	0.900	-2.42	0.00	-0.121	-0.155	-0.152	-0.04557	-0.10953	0.22434
16	17	0.900	-1.96	0.00	-0.120	-0.153	-0.154	-0.04404	-0.10924	0.22239
16	18	0.900	-0.48	0.00	-0.122	-0.153	-0.153	-0.04348	-0.10926	0.22334
16	19	0.900	0.04	0.00	-0.122	-0.153	-0.153	-0.04406	-0.10924	0.22334
16	20	0.898	0.56	0.00	-0.123	-0.153	-0.153	-0.04451	-0.10924	0.22334
16	21	0.900	1.57	0.00	-0.123	-0.153	-0.153	-0.04451	-0.10924	0.22334
16	22	0.901	3.54	0.00	-0.123	-0.153	-0.153	-0.04451	-0.10924	0.22334
16	23	0.901	5.54	0.00	-0.123	-0.153	-0.153	-0.04451	-0.10924	0.22334
16	24	0.899	7.54	0.00	-0.123	-0.153	-0.153	-0.04451	-0.10924	0.22334
16	25	0.899	9.54	0.00	-0.123	-0.153	-0.153	-0.04451	-0.10924	0.22334
16	26	0.901	11.56	0.00	-0.123	-0.153	-0.153	-0.04451	-0.10924	0.22334
16	27	0.901	13.56	0.00	-0.123	-0.153	-0.153	-0.04451	-0.10924	0.22334
16	28	0.901	15.56	0.00	-0.123	-0.153	-0.153	-0.04451	-0.10924	0.22334
16	29	0.901	17.56	0.00	-0.123	-0.153	-0.153	-0.04451	-0.10924	0.22334
17	1	0.900	-4.40	-0.00	0.737	0.338	0.404	0.24551	0.3634	-0.46480
17	2	0.901	-2.46	-0.00	0.685	0.418	0.484	0.23789	0.3634	-0.46480
17	3	0.901	-1.39	-0.00	0.655	0.414	0.502	0.23649	0.3634	-0.46480
17	4	0.900	-0.52	-0.00	0.635	0.414	0.502	0.23649	0.3634	-0.46480
17	5	0.900	0.51	-0.00	0.611	0.414	0.502	0.23649	0.3634	-0.46480
17	6	0.899	1.50	-0.00	0.602	0.414	0.502	0.23649	0.3634	-0.46480
17	7	0.901	3.47	-0.00	0.694	0.414	0.502	0.23649	0.3634	-0.46480
17	8	0.901	5.46	-0.00	0.694	0.414	0.502	0.23649	0.3634	-0.46480
17	9	0.901	7.46	-0.00	0.694	0.414	0.502	0.23649	0.3634	-0.46480
17	10	0.901	9.46	-0.00	0.694	0.414	0.502	0.23649	0.3634	-0.46480
17	11	0.901	11.46	-0.00	0.694	0.414	0.502	0.23649	0.3634	-0.46480
17	12	0.898	13.46	-0.00	0.694	0.414	0.502	0.23649	0.3634	-0.46480
17	13	0.901	15.46	-0.00	0.694	0.414	0.502	0.23649	0.3634	-0.46480
18	1	0.900	-4.48	-0.00	0.839	0.460	0.335	0.27158	0.27158	-0.52795
18	2	0.901	-2.48	-0.00	0.771	0.460	0.335	0.27158	0.27158	-0.52795
18	3	0.900	-1.50	-0.00	0.727	0.460	0.335	0.27158	0.27158	-0.52795
18	4	0.901	0.53	-0.00	0.708	0.460	0.335	0.27158	0.27158	-0.52795
18	5	0.901	2.54	-0.00	0.688	0.460	0.335	0.27158	0.27158	-0.52795
18	6	0.899	4.54	-0.00	0.688	0.460	0.335	0.27158	0.27158	-0.52795
18	7	0.900	6.54	-0.00	0.688	0.460	0.335	0.27158	0.27158	-0.52795
18	8	0.900	8.54	-0.00	0.688	0.460	0.335	0.27158	0.27158	-0.52795
18	9	0.900	10.54	-0.00	0.688	0.460	0.335	0.27158	0.27158	-0.52795

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{Pc}	C_{Pb1}	C_{Pb2}	ΔC_{Ac}	ΔC_{Ab}	C_{Au}
19	4	0.701	-4.46	-0.00	0.829	0.515	0.501	0.296	0.267	0.514
19	5	0.701	-2.61	-0.00	0.769	0.500	0.539	0.265	0.231	0.517
19	7	0.700	-1.52	-0.00	0.738	0.556	0.550	0.259	0.222	0.519
19	8	0.700	-1.07	-0.00	0.719	0.606	0.586	0.250	0.215	0.524
19	9	0.701	-0.50	-0.00	0.696	0.633	0.624	0.247	0.206	0.523
19	10	0.700	-0.11	-0.00	0.686	0.625	0.654	0.247	0.206	0.523
19	11	0.700	1.34	-0.00	0.688	0.573	0.528	0.266	0.235	0.520
19	12	0.701	3.43	-0.00	0.783	0.558	0.507	0.282	0.260	0.510
20	1	1.184	3.24	-0.00	0.764	0.428	0.390	0.275	0.269	0.461
20	2	1.200	-2.29	-0.00	0.684	0.458	0.490	0.237	0.235	0.455
20	3	1.202	-2.75	-0.00	0.658	0.488	0.514	0.237	0.235	0.455
20	4	1.203	-0.23	-0.00	0.649	0.513	0.543	0.223	0.235	0.410
20	5	1.204	0.21	-0.00	0.619	0.528	0.577	0.223	0.235	0.410
20	6	1.204	0.48	-0.00	0.601	0.547	0.540	0.216	0.235	0.408
20	7	1.204	1.72	-0.00	0.606	0.523	0.460	0.245	0.235	0.408
20	8	1.198	3.72	-0.00	0.742	0.470	0.376	0.267	0.270	0.418
21	1	1.204	4.12	-0.00	0.771	0.468	0.343	0.277	0.292	0.462
21	2	1.204	-2.28	-0.00	0.685	0.475	0.463	0.245	0.241	0.455
21	3	1.203	-1.63	-0.00	0.676	0.490	0.495	0.235	0.235	0.427
21	4	1.203	-0.29	-0.00	0.645	0.536	0.534	0.235	0.242	0.402
21	5	1.203	0.17	-0.00	0.625	0.535	0.534	0.235	0.242	0.402
21	6	1.203	1.69	-0.00	0.645	0.535	0.488	0.235	0.242	0.402
21	7	1.203	3.71	-0.00	0.684	0.483	0.360	0.247	0.242	0.402
22	1	1.203	4.34	-0.00	0.714	0.435	0.349	0.257	0.273	0.462
22	2	1.203	-2.31	-0.00	0.628	0.447	0.470	0.221	0.245	0.455
22	3	1.203	-1.80	-0.00	0.604	0.447	0.490	0.221	0.245	0.455
22	4	1.203	-0.27	-0.00	0.571	0.470	0.502	0.219	0.245	0.455
22	5	1.203	0.17	-0.00	0.571	0.470	0.502	0.219	0.245	0.455
22	6	1.203	1.70	-0.00	0.615	0.447	0.412	0.235	0.245	0.455
22	7	1.203	3.69	-0.00	0.715	0.436	0.323	0.235	0.245	0.455
22	8	1.203	4.28	-0.00	0.766	0.425	0.243	0.235	0.245	0.455
23	1	1.203	-4.28	-0.00	0.662	0.452	0.463	0.235	0.245	0.455
23	2	1.203	-2.31	-0.00	0.676	0.447	0.470	0.235	0.245	0.455
23	3	1.203	-1.80	-0.00	0.604	0.447	0.490	0.235	0.245	0.455
23	4	1.203	-0.27	-0.00	0.571	0.447	0.502	0.235	0.245	0.455
23	5	1.203	0.17	-0.00	0.571	0.447	0.502	0.235	0.245	0.455
23	6	1.203	1.70	-0.00	0.615	0.447	0.412	0.235	0.245	0.455
23	7	1.203	3.69	-0.00	0.715	0.436	0.323	0.235	0.245	0.455
23	8	1.203	4.28	-0.00	0.766	0.425	0.243	0.235	0.245	0.455

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{P_c}	$C_{P_{b1}}$	$C_{P_{b2}}$	ΔC_{A_c}	ΔC_{A_b}	C_{A_u}
23	4	1.2035	-0.755	-0.00	0.637	0.461	0.494	2.943	0.00	0.00
23	5	1.2035	-0.359	-0.00	0.608	0.481	0.510	2.189	0.00	0.00
23	6	1.2035	0.170	-0.00	0.630	0.513	0.503	2.187	0.00	0.00
23	7	1.2035	0.742	-0.00	0.668	0.509	0.437	2.267	0.00	0.00
23	8	1.2035	1.362	-0.00	0.739	0.481	0.437	2.462	0.00	0.00
23	9	1.2024	5.633	-0.00	0.788	0.360	0.326	2.839	0.00	0.00
23	10	1.204	7.69	-0.00	0.856	0.351	0.409	3.084	0.00	0.00
23	11	1.204	9.64	-0.00	0.868	0.412	0.439	3.128	0.00	0.00
24	1	0.999	-4.31	-0.00	0.822	0.374	0.37	2.981	0.00	0.00
24	2	1.0023	-2.40	-0.00	0.752	0.463	0.454	2.709	0.00	0.00
24	3	1.000	-1.32	-0.00	0.727	0.516	0.551	2.604	0.00	0.00
24	4	1.000	-0.87	-0.00	0.707	0.551	0.586	2.543	0.00	0.00
24	5	1.0002	-0.36	-0.00	0.661	0.586	0.604	2.335	0.00	0.00
24	6	1.0003	0.10	-0.00	0.658	0.608	0.605	2.335	0.00	0.00
24	7	1.0003	0.61	-0.00	0.697	0.586	0.543	2.275	0.00	0.00
24	8	1.0003	1.355	-0.00	0.776	0.523	0.463	2.301	0.00	0.00
24	9	1.0009	5.66	-0.00	0.834	0.484	0.463	2.503	0.00	0.00
24	10	0.999	7.54	-0.00	0.865	0.503	0.463	2.503	0.00	0.00
24	11	0.998	9.64	-0.00	0.860	0.499	0.471	2.503	0.00	0.00
24	12	1.004	11.59	-0.00	0.844	0.487	0.452	2.504	0.00	0.00
25	1	1.204	3.3	-0.00	0.709	0.297	0.3	2.685	0.00	0.00
25	2	1.204	-2.35	-0.00	0.619	0.397	0.414	2.232	0.00	0.00
25	3	1.203	-1.19	-0.00	0.620	0.403	0.414	2.232	0.00	0.00
25	4	1.203	-0.79	-0.00	0.590	0.416	0.429	2.126	0.00	0.00
25	5	1.203	-0.38	-0.00	0.588	0.417	0.435	2.126	0.00	0.00
25	6	1.202	0.06	-0.00	0.572	0.445	0.460	2.092	0.00	0.00
25	7	1.202	0.67	-0.00	0.547	0.475	0.480	2.092	0.00	0.00
25	8	1.202	1.62	-0.00	0.562	0.438	0.409	2.092	0.00	0.00
25	9	1.202	3.7	-0.00	0.602	0.381	0.308	2.24	0.00	0.00
26	1	1.204	3.3	-0.00	0.98	0.229	0.23	1.759	0.00	0.00
26	2	1.202	-2.18	-0.00	0.487	0.314	0.357	1.681	0.00	0.00
26	3	1.202	-1.05	-0.00	0.469	0.314	0.357	1.681	0.00	0.00
26	4	1.202	-0.55	-0.00	0.459	0.314	0.357	1.681	0.00	0.00
26	5	1.202	0.07	-0.00	0.443	0.314	0.357	1.681	0.00	0.00
26	6	1.202	0.62	-0.00	0.439	0.314	0.357	1.681	0.00	0.00
26	7	1.202	1.62	-0.00	0.439	0.314	0.357	1.681	0.00	0.00
26	8	1.202	3.7	-0.00	0.439	0.314	0.357	1.681	0.00	0.00
26	9	1.202	5.6	-0.00	0.439	0.314	0.357	1.681	0.00	0.00
26	10	1.202	7.6	-0.00	0.439	0.314	0.357	1.681	0.00	0.00
26	11	1.202	9.6	-0.00	0.439	0.314	0.357	1.681	0.00	0.00

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{Pc}	C_{Pb1}	C_{Pb2}	ΔC_{Ac}	ΔC_{Ab}	C_{Au}
26	11	1.203	0.78	-0.00	0.447	0.383	0.381	0.16118	0.24466	-0.22377
26	12	1.202	1.68	-0.00	0.464	0.372	0.348	0.16708	0.23073	-0.22377
26	13	1.202	3.66	-0.00	0.489	0.321	0.280	0.17604	0.19246	-0.20330
27	1	1.202	4.24	0.00	-0.196	-0.223	-0.220	-0.07059	-0.14190	0.00000
27	2	1.202	-2.30	0.00	-0.181	-0.207	-0.208	-0.06527	-0.13315	0.00000
27	3	1.202	-1.27	0.00	-0.176	-0.204	-0.207	-0.06340	-0.13104	0.00000
27	4	1.203	-0.79	0.00	-0.177	-0.203	-0.207	-0.06405	-0.13170	0.00000
27	5	1.202	-0.31	0.00	-0.176	-0.202	-0.205	-0.06338	-0.13088	0.00000
27	6	1.202	0.19	0.00	-0.177	-0.202	-0.206	-0.06372	-0.13057	0.00000
27	7	1.202	1.74	0.00	-0.178	-0.207	-0.210	-0.06440	-0.13266	0.00000
27	8	1.204	3.71	0.00	-0.186	-0.207	-0.220	-0.06725	-0.13588	0.00000
27	9	1.205	5.63	0.00	-0.212	-0.231	-0.248	-0.08360	-0.15966	0.00000
27	10	1.203	7.72	0.00	-0.232	-0.261	-0.268	-0.08360	-0.16764	0.00000
27	11	1.203	9.67	0.00	-0.246	-0.275	-0.279	-0.08858	-0.17815	0.00000
27	12	1.203	11.65	0.00	-0.252	-0.283	-0.291	-0.09081	-0.18404	0.00000
27	13	1.203								
27	14	1.203								
28	1	1.002	4.25	-0.00	0.192	0.227	0.214	0.06915	0.14031	0.00000
28	2	1.001	-2.33	-0.00	0.178	0.200	0.202	0.06411	0.13055	0.00000
28	3	1.001	-1.28	-0.00	0.171	0.200	0.199	0.06185	0.12797	0.00000
28	4	1.001	-0.94	0.00	0.168	0.199	0.196	0.06076	0.12640	0.00000
28	5	1.001	0.16	0.00	0.171	0.199	0.201	0.05999	0.12715	0.00000
28	6	1.001	1.63	0.00	0.169	0.198	0.200	0.05999	0.12661	0.00000
28	7	1.001	3.71	0.00	0.181	0.198	0.202	0.06119	0.12841	0.00000
28	8	1.002	5.61	0.00	0.204	0.203	0.215	0.06513	0.13416	0.00000
28	9	1.003	7.57	0.00	0.232	0.226	0.240	0.07364	0.14965	0.00000
28	10	1.003	9.82	0.00	0.250	0.237	0.269	0.08386	0.16889	0.00000
28	11	1.004	11.72	0.00	0.266	0.271	0.287	0.09082	0.18013	0.00000
28	12	1.004								
28	13	1.004								
28	14	0.005								

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{p_c}	$C_{p_{b1}}$	$C_{p_{b2}}$	ΔC_{A_c}	ΔC_{A_b}	C_{A_b}
34	4	1.206	4.32	-0.00	0.619	0.394	0.396	0.00	0.00	0.00
34	5	1.207	-2.34	-0.00	0.624	0.467	0.466	0.00	0.00	0.00
34	6	1.206	-1.41	-0.00	0.612	0.488	0.513	0.00	0.00	0.00
34	8	1.206	-0.85	-0.00	0.591	0.495	0.524	0.00	0.00	0.00
34	9	1.206	-0.25	-0.00	0.576	0.503	0.524	0.00	0.00	0.00
34	10	1.206	0.10	-0.00	0.593	0.525	0.495	0.00	0.00	0.00
34	11	1.205	0.64	-0.00	0.593	0.505	0.459	0.00	0.00	0.00
34	12	1.205	1.64	0.00	0.634	0.411	0.357	0.00	0.00	0.00
35	1	1.206	4.22	-0.00	0.607	0.432	0.413	0.00	0.00	0.00
35	2	1.206	-2.29	-0.00	0.607	0.413	0.423	0.00	0.00	0.00
35	3	1.205	-1.27	-0.00	0.601	0.429	0.413	0.00	0.00	0.00
35	4	1.205	-0.77	-0.00	0.581	0.444	0.454	0.00	0.00	0.00
35	5	1.205	-0.29	-0.00	0.573	0.450	0.472	0.00	0.00	0.00
35	6	1.204	0.60	-0.00	0.560	0.447	0.490	0.00	0.00	0.00
35	7	1.203	1.71	-0.00	0.596	0.387	0.390	0.00	0.00	0.00
35	8	1.203	-2.21	-0.00	0.562	0.353	0.329	0.00	0.00	0.00
35	9	1.203	-1.35	-0.00	0.568	0.358	0.342	0.00	0.00	0.00
35	10	1.203	-0.88	-0.00	0.568	0.375	0.355	0.00	0.00	0.00
35	11	1.203	-0.20	-0.00	0.538	0.443	0.424	0.00	0.00	0.00
35	12	1.204	0.59	-0.00	0.546	0.450	0.414	0.00	0.00	0.00
36	1	1.205	4.25	-0.00	0.454	0.257	0.269	0.00	0.00	0.00
36	2	1.205	-2.25	-0.00	0.448	0.313	0.331	0.00	0.00	0.00
36	3	1.205	-1.31	-0.00	0.441	0.337	0.351	0.00	0.00	0.00
36	4	1.205	-0.81	-0.00	0.427	0.349	0.354	0.00	0.00	0.00
36	5	1.205	-0.19	-0.00	0.425	0.356	0.354	0.00	0.00	0.00
36	6	1.204	0.43	-0.00	0.441	0.361	0.354	0.00	0.00	0.00
36	7	1.204	1.62	-0.00	0.445	0.355	0.347	0.00	0.00	0.00
36	8	1.205	1.62	-0.00	0.445	0.355	0.340	0.00	0.00	0.00
37	1	1.205	4.25	-0.00	0.454	0.257	0.269	0.00	0.00	0.00
37	2	1.205	-2.25	-0.00	0.448	0.313	0.331	0.00	0.00	0.00
37	3	1.205	-1.31	-0.00	0.441	0.337	0.351	0.00	0.00	0.00
37	4	1.205	-0.81	-0.00	0.427	0.349	0.354	0.00	0.00	0.00
37	5	1.205	-0.19	-0.00	0.425	0.356	0.354	0.00	0.00	0.00
37	6	1.204	0.43	-0.00	0.441	0.361	0.354	0.00	0.00	0.00
37	7	1.204	1.62	-0.00	0.445	0.355	0.347	0.00	0.00	0.00
38	1	1.206	4.25	-0.00	0.454	0.257	0.269	0.00	0.00	0.00
38	2	1.206	-2.25	-0.00	0.448	0.313	0.331	0.00	0.00	0.00
38	3	1.206	-1.31	-0.00	0.441	0.337	0.351	0.00	0.00	0.00

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{Pc}	C_{Pb1}	C_{Pb2}	ΔC_{Ac}	ΔC_{Ab}	C_{Au}
38	5	1.205	-0.45	0.00	-0.153	-0.186	-0.188	0.554	0.199	0.415
38	6	1.204	-0.01	0.00	-0.154	-0.187	-0.188	0.561	0.200	0.414
38	7	1.203	0.56	0.00	-0.154	-0.189	-0.190	0.556	0.202	0.414
38	8	1.204	1.59	0.00	-0.156	-0.190	-0.191	0.553	0.224	0.415
38	9	1.205	1.62	0.00	-0.155	-0.189	-0.190	0.559	0.225	0.415
38	10	1.204	3.68	0.00	-0.163	-0.198	-0.201	0.587	0.256	0.425
38	11	1.204	9.90	0.00	-0.226	-0.261	-0.263	0.815	0.169	0.457
38	12	1.204	9.73	0.00	-0.224	-0.257	-0.264	0.806	0.167	0.457
38	13	1.204	9.73	0.00	-0.224	-0.257	-0.264	0.806	0.167	0.457
39	1	1.005	4.30	0.00	0.707	0.502	0.503	2.548	0.182	0.475
39	2	1.007	3.38	0.00	0.714	0.507	0.522	2.573	0.206	0.497
39	3	1.004	-2.90	0.00	0.715	0.535	0.567	2.570	0.207	0.509
39	4	1.004	1.90	0.00	0.705	0.549	0.567	2.547	0.205	0.509
39	5	1.005	0.29	0.00	0.662	0.609	0.600	2.470	0.209	0.510
39	6	1.004	0.16	0.00	0.672	0.617	0.616	2.422	0.209	0.510
39	7	1.006	0.34	0.00	0.673	0.614	0.615	2.423	0.209	0.510
39	8	1.003	1.53	0.00	0.690	0.531	0.521	2.484	0.209	0.510
39	9	1.003	1.53	0.00	0.690	0.531	0.521	2.484	0.209	0.510
40	1	1.006	4.27	0.00	0.683	0.457	0.477	2.461	0.199	0.451
40	2	1.002	3.42	0.00	0.701	0.467	0.501	2.462	0.200	0.474
40	3	1.004	1.92	0.00	0.693	0.493	0.514	2.428	0.200	0.474
40	4	1.006	0.30	0.00	0.648	0.525	0.547	2.369	0.200	0.474
40	5	1.005	0.12	0.00	0.658	0.595	0.591	2.328	0.200	0.474
40	6	1.004	1.27	0.00	0.643	0.586	0.587	2.318	0.200	0.474
40	7	1.004	1.67	0.00	0.671	0.566	0.567	2.318	0.200	0.474
40	8	1.004	3.69	0.00	0.673	0.514	0.594	2.423	0.200	0.474
40	9	1.004	3.69	0.00	0.673	0.514	0.594	2.423	0.200	0.474
41	1	1.004	4.37	0.00	0.602	0.386	0.431	2.702	0.167	0.581
41	2	1.003	3.38	0.00	0.597	0.439	0.454	2.743	0.167	0.581
41	3	1.001	1.92	0.00	0.555	0.472	0.475	2.699	0.167	0.581
41	4	1.001	0.30	0.00	0.551	0.484	0.481	2.699	0.167	0.581
41	5	1.000	0.16	0.00	0.543	0.488	0.481	2.699	0.167	0.581
41	6	1.001	1.57	0.00	0.542	0.481	0.481	2.699	0.167	0.581
41	7	1.001	1.57	0.00	0.542	0.481	0.481	2.699	0.167	0.581
41	8	1.001	1.57	0.00	0.542	0.481	0.481	2.699	0.167	0.581
41	9	1.001	1.57	0.00	0.542	0.481	0.481	2.699	0.167	0.581
42	1	1.003	4.32	0.00	0.458	0.314	0.324	2.648	0.046	0.234
42	2	1.002	3.46	0.00	0.446	0.354	0.352	2.677	0.046	0.234
42	3	1.000	1.37	0.00	0.434	0.363	0.354	2.642	0.046	0.234

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M _c	α	ϕ_A	C _{Pc}	C _{Pb1}	C _{Pb2}	ΔC_{Ac}	ΔC_{Ab}	C _{Au}
42	4	1.001	-0.93	-0.00	0.434	0.369	0.366	0.1564	0.3561	0.2274
42	5	1.001	-0.29	-0.00	0.428	0.366	0.359	0.1544	0.3521	0.2218
42	6	1.002	0.09	-0.00	0.429	0.366	0.359	0.1544	0.3521	0.2218
42	7	1.003	0.55	-0.00	0.426	0.361	0.362	0.1537	0.3510	0.2205
42	8	1.002	1.54	-0.00	0.430	0.363	0.360	0.1551	0.3510	0.2205
42	9	1.002	3.65	-0.00	0.438	0.337	0.325	0.1579	0.2120	0.2158
43	1	1.000	-4.58	-0.00	-0.151	0.162	0.187	0.0546	0.1628	0.3615
43	2	1.001	-2.58	-0.00	-0.135	0.166	0.167	0.0589	0.1688	0.3532
43	3	1.002	-1.58	-0.00	-0.133	0.166	0.164	0.0502	0.1688	0.3532
43	4	1.001	-1.02	-0.00	-0.133	0.173	0.164	0.0519	0.1712	0.3549
43	5	1.002	-0.51	-0.00	-0.138	0.168	0.169	0.0507	0.1712	0.3549
43	6	1.004	-0.30	-0.00	-0.140	0.164	0.168	0.0507	0.1712	0.3549
43	7	1.002	-0.04	-0.00	-0.139	0.166	0.168	0.0507	0.1712	0.3549
43	8	1.002	0.48	-0.00	-0.135	0.165	0.165	0.0507	0.1712	0.3549
43	9	1.001	1.58	-0.00	-0.135	0.174	0.165	0.0520	0.1712	0.3549
43	10	1.001	3.58	-0.00	-0.144	0.174	0.177	0.0578	0.1712	0.3549
43	11	1.003	5.74	-0.00	-0.216	0.246	0.255	0.0778	0.1630	0.4090
43	12	1.004	9.66	-0.00	-0.223	0.251	0.257	0.0804	0.1630	0.4110
44	4	0.902	-4.55	-0.00	0.683	0.501	0.501	0.2450	0.3088	0.4611
44	5	0.902	-2.55	-0.00	0.682	0.515	0.517	0.2446	0.3088	0.4611
44	6	0.902	-1.55	-0.00	0.682	0.521	0.521	0.2446	0.3088	0.4611
44	7	0.902	-1.03	-0.00	0.686	0.537	0.537	0.2446	0.3088	0.4611
44	8	0.902	-0.43	-0.00	0.687	0.592	0.592	0.2446	0.3088	0.4611
44	9	0.903	0.53	-0.00	0.654	0.606	0.600	0.2333	0.3088	0.4611
44	10	0.903	1.44	-0.00	0.681	0.595	0.599	0.2333	0.3088	0.4611
44	11	0.902	3.44	-0.00	0.674	0.584	0.553	0.2426	0.3088	0.4611
44	12	0.902	5.44	-0.00	0.674	0.503	0.515	0.2426	0.3088	0.4611
45	1	0.903	-4.56	-0.00	0.650	0.365	0.476	0.2333	0.2615	0.4611
45	2	0.904	-2.56	-0.00	0.643	0.365	0.476	0.2333	0.2615	0.4611
45	3	0.904	-1.56	-0.00	0.643	0.365	0.476	0.2333	0.2615	0.4611
45	4	0.904	-1.04	-0.00	0.628	0.365	0.476	0.2333	0.2615	0.4611
45	5	0.904	-0.46	-0.00	0.628	0.365	0.476	0.2333	0.2615	0.4611
45	6	0.903	0.46	-0.00	0.628	0.365	0.476	0.2333	0.2615	0.4611
45	7	0.903	1.51	-0.00	0.607	0.365	0.476	0.2333	0.2615	0.4611
45	8	0.902	3.44	-0.00	0.607	0.365	0.476	0.2333	0.2615	0.4611
45	9	0.902	5.44	-0.00	0.607	0.365	0.476	0.2333	0.2615	0.4611
46	1	0.903	-4.58	-0.00	0.595	0.355	0.402	0.2017	0.2426	0.4611
46	2	0.903	-2.58	-0.00	0.595	0.355	0.402	0.2017	0.2426	0.4611
46	3	0.903	-1.58	-0.00	0.595	0.355	0.402	0.2017	0.2426	0.4611

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{P_c}	$C_{P_{b1}}$	$C_{P_{b2}}$	ΔC_{A_c}	ΔC_{A_b}	C_{A_u}
46	4	0.903	-1.49	-0.00	0.534	0.44	0.453	0.19259	0.26727	0.37907
46	5	0.903	-1.03	-0.00	0.530	0.451	0.455	0.19109	0.29036	0.37681
46	6	0.903	-0.47	-0.00	0.520	0.462	0.456	0.18749	0.29433	0.37561
46	7	0.903	-0.04	-0.00	0.512	0.462	0.454	0.18438	0.29326	0.37143
46	8	0.903	0.52	-0.00	0.511	0.469	0.459	0.18406	0.29264	0.37145
46	9	0.903	1.54	-0.00	0.518	0.449	0.450	0.18649	0.28784	0.37451
46	10	0.903	3.57	-0.00	0.542	0.411	0.387	0.19519	0.25553	0.35519
47	1	0.903	-4.72	-0.00	0.120	0.42	-0.429	0.331	0.088	0.511
47	2	0.903	-2.66	-0.00	0.117	0.430	0.429	0.336	0.089	0.512
47	3	0.903	-1.73	-0.00	0.109	0.430	0.430	0.337	0.085	0.512
47	4	0.903	-1.16	-0.00	0.107	0.430	0.430	0.337	0.085	0.512
47	5	0.903	-0.65	-0.00	0.107	0.430	0.430	0.337	0.085	0.512
47	6	0.903	-0.46	-0.00	0.108	0.430	0.430	0.337	0.085	0.512
47	7	0.903	0.16	-0.00	0.107	0.430	0.430	0.337	0.085	0.512
47	8	0.903	0.41	-0.00	0.107	0.430	0.430	0.337	0.085	0.512
47	9	0.903	1.44	-0.00	0.110	0.430	0.430	0.337	0.085	0.512
47	10	0.903	3.57	-0.00	0.119	0.430	0.430	0.337	0.085	0.512
47	11	0.903	9.54	-0.00	0.147	0.174	0.171	0.05305	0.11064	0.28522
48	1	0.704	-4.79	-0.00	0.088	0.159	0.111	0.3191	0.729	0.512
48	2	0.704	-2.76	-0.00	0.085	0.159	0.108	0.3070	0.698	0.512
48	3	0.704	-1.22	-0.00	0.085	0.159	0.108	0.3070	0.698	0.512
48	4	0.704	-0.65	-0.00	0.084	0.159	0.108	0.3070	0.698	0.512
48	5	0.704	-0.22	-0.00	0.084	0.159	0.108	0.3070	0.698	0.512
48	6	0.704	0.23	-0.00	0.086	0.159	0.108	0.3070	0.698	0.512
48	7	0.704	0.56	-0.00	0.086	0.159	0.108	0.3070	0.698	0.512
48	8	0.704	1.22	-0.00	0.087	0.159	0.108	0.3070	0.698	0.512
48	9	0.704	3.49	-0.00	0.123	0.148	0.155	0.04458	0.09772	0.2714
48	10	0.704	9.54	-0.00	0.147	0.174	0.171	0.04458	0.09772	0.2714
48	11	0.704	9.54	-0.00	0.147	0.174	0.171	0.04458	0.09772	0.2714
49	1	0.703	-4.58	-0.00	0.427	0.369	0.366	0.15749	0.570	0.412
49	2	0.703	-2.55	-0.00	0.423	0.369	0.366	0.15749	0.570	0.412
49	3	0.703	-1.57	-0.00	0.423	0.369	0.366	0.15749	0.570	0.412
49	4	0.703	-0.15	-0.00	0.423	0.369	0.366	0.15749	0.570	0.412
49	5	0.703	0.19	-0.00	0.423	0.369	0.366	0.15749	0.570	0.412
49	6	0.703	0.68	-0.00	0.423	0.369	0.366	0.15749	0.570	0.412
49	7	0.703	1.33	-0.00	0.423	0.369	0.366	0.15749	0.570	0.412
49	8	0.703	3.38	-0.00	0.423	0.369	0.366	0.15749	0.570	0.412
49	9	0.703	9.54	-0.00	0.423	0.369	0.366	0.15749	0.570	0.412

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M _c	α	ϕ_A	C _{p_c}	C _{p_{b1}}	C _{p_{b2}}	ΔC_{A_c}	ΔC_{A_b}	C _{A_u}
50	1	0.704	-4.58	-0.00	0.556	0.333	0.375	0.004	0.269	0.000
50	2	0.703	-2.66	-0.00	0.540	0.403	0.421	0.045	0.264	0.000
50	3	0.704	-1.61	-0.00	0.526	0.430	0.440	0.062	0.270	0.000
50	4	0.703	-1.17	-0.00	0.521	0.448	0.444	0.066	0.264	0.000
50	5	0.703	-0.56	-0.00	0.505	0.448	0.445	0.066	0.265	0.000
50	6	0.703	-0.21	-0.00	0.503	0.451	0.445	0.066	0.267	0.000
50	7	0.703	0.33	-0.00	0.495	0.450	0.446	0.066	0.267	0.000
50	8	0.703	1.33	-0.00	0.497	0.443	0.436	0.066	0.261	0.000
50	9	0.703	3.37	-0.00	0.527	0.415	0.387	0.066	0.256	0.000
51	1	0.704	-4.56	-0.00	0.649	0.294	0.380	0.037	0.270	0.000
51	2	0.703	-2.60	-0.00	0.652	0.434	0.481	0.037	0.292	0.000
51	3	0.703	-1.69	-0.00	0.638	0.452	0.491	0.037	0.297	0.000
51	4	0.702	-1.11	-0.00	0.633	0.489	0.516	0.037	0.301	0.000
51	5	0.702	-0.59	-0.00	0.629	0.547	0.517	0.037	0.302	0.000
51	6	0.704	-0.14	-0.00	0.620	0.562	0.527	0.037	0.301	0.000
51	7	0.702	0.36	-0.00	0.602	0.561	0.562	0.037	0.301	0.000
51	8	0.704	1.41	-0.00	0.640	0.539	0.502	0.037	0.301	0.000
51	9	0.702	3.20	-0.00	0.635	0.533	0.467	0.037	0.307	0.000
52	1	0.705	-4.59	-0.00	0.717	0.507	0.492	0.030	0.309	0.000
52	2	0.701	-2.50	-0.00	0.720	0.496	0.508	0.030	0.314	0.000
52	3	0.701	-1.60	-0.00	0.690	0.533	0.545	0.030	0.303	0.000
52	4	0.701	-1.20	-0.00	0.687	0.541	0.559	0.030	0.303	0.000
52	5	0.701	-0.53	-0.00	0.675	0.563	0.553	0.030	0.303	0.000
52	6	0.702	0.38	-0.00	0.656	0.610	0.607	0.030	0.303	0.000
52	7	0.702	1.33	-0.00	0.661	0.626	0.625	0.030	0.303	0.000
52	8	0.702	3.29	-0.00	0.691	0.567	0.525	0.030	0.303	0.000
52	9	0.702	5.29	-0.00	0.700	0.534	0.514	0.030	0.303	0.000
53	9	0.900	-4.43	-45.00	0.672	0.406	0.462	0.023	0.302	0.000
53	10	0.899	-2.50	-45.00	0.640	0.438	0.502	0.023	0.302	0.000
53	11	0.900	-1.50	-45.00	0.615	0.473	0.521	0.023	0.302	0.000
53	12	0.900	-0.90	-45.00	0.585	0.527	0.529	0.023	0.302	0.000
53	13	0.900	-0.40	-45.00	0.582	0.527	0.526	0.023	0.302	0.000
53	14	0.901	0.08	-45.00	0.576	0.525	0.526	0.023	0.302	0.000
53	15	0.901	0.69	-45.00	0.593	0.513	0.484	0.023	0.302	0.000
53	16	0.901	1.45	-45.00	0.629	0.466	0.417	0.023	0.302	0.000
53	17	0.901	3.52	-45.00	0.629	0.466	0.417	0.023	0.302	0.000
54	1	0.998	-4.20	-45.00	0.723	0.447	0.499	0.023	0.302	0.000
54	2	1.000	-2.31	-45.00	0.684	0.472	0.539	0.023	0.302	0.000
54	3	1.000	-1.27	-45.00	0.679	0.507	0.565	0.023	0.302	0.000

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{Pc}	C_{Pb1}	C_{Pb2}	ΔC_{Ac}	ΔC_{Ab}	C_{Au}
54	4	1.001	-0.84	-45.00	0.654	0.533	0.564	0.354	0.354	0.466
54	5	1.002	-0.24	-45.00	0.637	0.552	0.573	0.224	0.360	0.466
54	6	1.003	0.12	-45.00	0.625	0.571	0.576	0.224	0.360	0.466
54	7	1.000	0.63	-44.99	0.642	0.555	0.521	0.231	0.344	0.453
54	8	0.998	3.75	-44.99	0.681	0.495	0.444	0.245	0.300	0.439
55	1	1.207	-4.15	-44.99	0.667	0.357	0.400	0.240	0.225	0.327
55	2	1.206	-2.24	-45.00	0.622	0.407	0.428	0.221	0.265	0.300
55	3	1.204	-1.73	-45.00	0.595	0.427	0.465	0.214	0.277	0.304
55	4	1.203	-0.20	-45.00	0.578	0.445	0.481	0.208	0.296	0.303
55	5	1.204	0.22	-45.00	0.561	0.472	0.460	0.207	0.301	0.303
55	6	1.203	0.66	-45.00	0.576	0.493	0.460	0.207	0.301	0.303
55	7	1.204	1.68	-44.99	0.602	0.437	0.427	0.216	0.281	0.306
55	8	1.204	3.33	-44.99	0.649	0.393	0.383	0.233	0.240	0.306
56	4	1.202	-4.57	-44.99	0.669	0.215	0.219	0.067	0.191	0.403
56	5	1.203	-2.48	-44.99	0.633	0.196	0.197	0.066	0.203	0.421
56	6	1.204	-1.58	-44.99	0.621	0.190	0.195	0.059	0.223	0.441
56	7	1.203	-0.50	-44.99	0.610	0.188	0.193	0.058	0.223	0.441
56	8	1.204	0.25	-44.99	0.600	0.187	0.193	0.057	0.223	0.441
56	9	1.203	0.54	-44.99	0.580	0.189	0.193	0.057	0.223	0.441
56	10	1.203	0.57	-44.99	0.562	0.189	0.193	0.057	0.223	0.441
56	11	1.204	1.39	-44.99	0.621	0.196	0.196	0.062	0.234	0.441
56	12	1.205	3.62	-44.99	0.671	0.253	0.266	0.081	0.261	0.441
56	13	1.205	5.68	-45.00	0.725	0.252	0.266	0.081	0.261	0.441
56	14	1.202	-0.24	-44.99	0.615	0.187	0.193	0.057	0.223	0.441
57	1	1.003	-4.61	-45.00	0.732	0.208	0.204	0.063	0.234	0.441
57	2	1.000	-2.59	-45.00	0.645	0.178	0.174	0.053	0.234	0.441
57	3	1.000	-1.59	-45.00	0.611	0.179	0.179	0.053	0.234	0.441
57	4	1.000	-0.52	-44.99	0.580	0.171	0.172	0.053	0.234	0.441
57	5	1.002	0.32	-44.99	0.541	0.169	0.172	0.053	0.234	0.441
57	6	1.000	0.46	-44.99	0.517	0.172	0.172	0.053	0.234	0.441
57	7	1.000	1.11	-44.99	0.437	0.164	0.172	0.053	0.234	0.441
57	8	1.000	1.51	-44.99	0.414	0.174	0.172	0.053	0.234	0.441
57	9	1.001	3.56	-44.99	0.452	0.180	0.192	0.055	0.234	0.441
58	4	0.902	-4.67	-45.00	0.721	0.145	0.145	0.043	0.234	0.441

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M _c	α	φ _A	C _{Pc}	C _{Pb1}	C _{Pb2}	ΔC _{Ac}	ΔC _{Ab}	C _{Au}
55	5	0.901	4.9	0.3	1.3	7.2	0.0	0.0	0.0	2.0
56	6	0.901	6.6	4.3	1.0	3.3	0.0	0.0	0.0	2.0
57	7	0.902	4.6	4.4	1.0	2.4	0.0	0.0	0.0	2.0
58	8	0.899	4.5	4.4	1.0	3.5	0.0	0.0	0.0	2.0
59	9	0.901	4.5	4.4	1.0	3.5	0.0	0.0	0.0	2.0
60	10	0.898	4.5	4.4	1.0	3.5	0.0	0.0	0.0	2.0
61	11	0.898	4.5	4.5	1.0	3.6	0.0	0.0	0.0	2.0
62	12	0.903	3.8	5.0	1.1	3.7	0.0	0.0	0.0	2.0
63	13	0.901	4.5	4.4	1.1	3.5	0.0	0.0	0.0	2.0
64	14	0.901	4.5	4.4	1.1	3.5	0.0	0.0	0.0	2.0
65	15	0.902	4.5	4.4	1.1	3.5	0.0	0.0	0.0	2.0
66	16	0.902	4.5	4.4	1.1	3.5	0.0	0.0	0.0	2.0
67	1	0.701	4.4	3.9	0.9	5.7	0.0	0.0	0.0	0.0
68	2	0.701	7.4	4.4	0.9	5.7	0.0	0.0	0.0	0.0
69	3	0.701	3.9	4.4	0.9	5.7	0.0	0.0	0.0	0.0
70	4	0.702	7.2	4.4	0.9	4.5	0.0	0.0	0.0	0.0
71	5	0.701	2.5	4.4	0.9	3.5	0.0	0.0	0.0	0.0
72	6	0.702	2.2	4.4	0.9	4.5	0.0	0.0	0.0	0.0
73	7	0.703	5.7	4.4	0.9	3.6	0.0	0.0	0.0	0.0
74	8	0.701	2.2	4.4	0.9	5.7	0.0	0.0	0.0	0.0
75	9	0.701	3.9	4.4	0.9	5.7	0.0	0.0	0.0	0.0
76	10	0.701	4.5	4.4	0.9	5.7	0.0	0.0	0.0	0.0
77	11	0.701	4.5	4.4	0.9	5.7	0.0	0.0	0.0	0.0
78	12	0.700	4.5	4.4	0.9	5.7	0.0	0.0	0.0	0.0

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{Pc}	C_{Pb1}	C_{Pb2}	ΔC_{Ac}	ΔC_{Ab}	C_{Au}
53	45	1.205	0.97	-44.99	-0.1439	-0.1650	-0.1633	-0.0515	-0.0543	0.0000
53	67	1.205	-1.92	-44.99	-0.1271	-0.1509	-0.1533	-0.0459	-0.0577	0.0000
53	89	1.205	-0.33	-44.99	-0.1267	-0.1448	-0.1522	-0.0454	-0.0543	0.0000
53	10	1.206	0.18	-44.99	-0.1267	-0.1449	-0.1522	-0.0454	-0.0577	0.0000
53	11	1.206	0.64	-44.99	-0.1271	-0.1449	-0.1522	-0.0454	-0.0577	0.0000
53	12	1.207	0.21	-44.99	-0.1271	-0.1448	-0.1522	-0.0454	-0.0577	0.0000
53	13	1.207	1.22	-44.99	-0.1271	-0.1448	-0.1522	-0.0454	-0.0577	0.0000
53	14	1.205	0.17	-44.99	-0.1267	-0.1449	-0.1522	-0.0454	-0.0577	0.0000
54	12	1.003	0.00	-45.00	-0.1311	-0.1633	-0.1563	-0.0433	-0.1023	0.0000
54	34	1.003	0.68	-44.99	-0.1181	-0.1431	-0.1433	-0.0433	-0.1023	0.0000
54	52	1.003	0.26	-44.99	-0.1161	-0.1411	-0.1433	-0.0433	-0.1023	0.0000
54	67	1.004	0.83	-44.99	-0.1207	-0.1392	-0.1433	-0.0433	-0.1023	0.0000
54	89	1.003	1.36	-45.00	-0.1205	-0.1382	-0.1433	-0.0433	-0.1023	0.0000
54	10	1.005	0.49	-44.99	-0.1145	-0.1462	-0.1433	-0.0433	-0.1023	0.0000
55	67	0.903	0.77	-45.00	-0.1099	-0.1271	-0.1227	-0.0355	-0.0769	0.0000
55	89	0.903	-1.57	-45.00	-0.0999	-0.1209	-0.1227	-0.0355	-0.0769	0.0000
55	10	0.903	0.53	-45.00	-0.0988	-0.1211	-0.1227	-0.0355	-0.0769	0.0000
55	11	0.904	0.14	-44.99	-0.0999	-0.1211	-0.1227	-0.0355	-0.0769	0.0000
55	12	0.903	0.95	-44.99	-0.1011	-0.1211	-0.1227	-0.0355	-0.0769	0.0000
55	13	0.903	1.45	-45.00	-0.1011	-0.1211	-0.1227	-0.0355	-0.0769	0.0000
55	14	0.902	0.51	-44.99	-0.1013	-0.1211	-0.1227	-0.0355	-0.0769	0.0000
55	15	0.902	0.41	-44.99	-0.1000	-0.1211	-0.1227	-0.0355	-0.0769	0.0000
56	12	0.702	0.57	-44.99	-0.0917	-0.1244	-0.1211	-0.0306	-0.0747	0.0000
56	34	0.703	-1.04	-44.99	-0.0888	-0.1113	-0.1173	-0.0269	-0.0737	0.0000
56	52	0.703	0.02	-44.99	-0.0888	-0.1111	-0.1173	-0.0269	-0.0737	0.0000
56	67	0.702	0.50	-44.99	-0.0874	-0.1111	-0.1173	-0.0269	-0.0737	0.0000
56	89	0.702	1.61	-44.99	-0.0891	-0.1123	-0.1173	-0.0269	-0.0737	0.0000
56	10	0.702	0.64	-44.99	-0.0917	-0.1113	-0.1173	-0.0269	-0.0737	0.0000
56	11	0.702	0.55	-44.99	-0.0891	-0.1113	-0.1173	-0.0269	-0.0737	0.0000

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{p_c}	$C_{p_{b1}}$	$C_{p_{b2}}$	ΔC_{A_c}	ΔC_{A_b}	C_{A_u}
68	21	0.703	-4.456	-0.000	0.719	0.487	0.491	0.000	0.000	0.000
68	22	0.703	-2.566	-0.000	0.689	0.530	0.531	0.000	0.000	0.000
68	23	0.703	-1.066	-0.000	0.681	0.551	0.551	0.000	0.000	0.000
68	24	0.702	-0.559	-0.000	0.656	0.604	0.585	0.000	0.000	0.000
68	25	0.703	-0.075	-0.000	0.643	0.620	0.569	0.000	0.000	0.000
68	26	0.701	0.352	-0.000	0.665	0.604	0.513	0.000	0.000	0.000
68	27	0.702	1.522	-0.000	0.691	0.554	0.512	0.000	0.000	0.000
68	28	0.702	3.339	-0.000	0.660	0.529	0.508	0.000	0.000	0.000
68	29	0.702	-0.061	-0.000	0.660	0.606	0.586	0.000	0.000	0.000
69	0	0.907	3.8	0.000	0.731	0.542	0.547	0.000	0.000	0.000
69	5	0.918	-4.439	-0.000	0.664	0.542	0.547	0.000	0.000	0.000
69	6	0.918	-4.439	-0.000	0.664	0.542	0.547	0.000	0.000	0.000
69	7	0.903	-4.436	-0.000	0.732	0.542	0.547	0.000	0.000	0.000
69	8	0.904	-4.436	-0.000	0.717	0.561	0.559	0.000	0.000	0.000
69	9	0.904	-1.490	-0.000	0.712	0.586	0.581	0.000	0.000	0.000
69	10	0.901	-0.447	-0.000	0.719	0.624	0.613	0.000	0.000	0.000
69	11	0.902	0.049	-0.000	0.693	0.631	0.615	0.000	0.000	0.000
69	12	0.902	1.644	-0.000	0.675	0.631	0.615	0.000	0.000	0.000
69	13	0.902	3.52	-0.000	0.710	0.586	0.581	0.000	0.000	0.000
69	14	0.904	4.221	-0.000	0.722	0.585	0.585	0.000	0.000	0.000
69	15	0.904	-2.339	-0.000	0.741	0.595	0.595	0.000	0.000	0.000
70	1	1.004	-1.088	-0.000	0.735	0.624	0.624	0.000	0.000	0.000
70	2	1.002	-0.355	-0.000	0.731	0.644	0.644	0.000	0.000	0.000
70	3	1.002	0.117	-0.000	0.711	0.668	0.668	0.000	0.000	0.000
70	4	1.001	0.607	-0.000	0.717	0.677	0.677	0.000	0.000	0.000
70	5	1.004	1.572	-0.000	0.749	0.673	0.673	0.000	0.000	0.000
70	6	1.003	3.62	0.000	0.744	0.573	0.573	0.000	0.000	0.000
71	1	0.406	4.66	0.000	0.671	0.489	0.497	0.000	0.000	0.000
71	2	0.405	-2.74	-0.000	0.670	0.521	0.516	0.000	0.000	0.000
71	3	0.405	-1.687	-0.000	0.660	0.553	0.547	0.000	0.000	0.000
71	4	0.404	-0.277	-0.000	0.657	0.567	0.567	0.000	0.000	0.000
71	5	0.405	0.126	-0.000	0.647	0.544	0.544	0.000	0.000	0.000
71	6	0.405	1.264	-0.000	0.669	0.563	0.563	0.000	0.000	0.000
71	7	0.404	5.1	-0.000	0.701	0.544	0.544	0.000	0.000	0.000

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL,
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{Pc}	C_{Pb1}	C_{Pb2}	ΔC_{Ac}	ΔC_{Ab}	C_{Au}
72	4	1.207	4.12	-0.00	0.627	0.437	0.362	0.2579	0.2578	0.3388
72	5	1.207	-2.27	-0.00	0.607	0.433	0.499	0.2180	0.2064	0.3388
72	6	1.205	-1.27	-0.00	0.612	0.458	0.494	0.2205	0.3086	0.3340
72	8	1.206	-0.25	-0.00	0.592	0.480	0.510	0.2132	0.1711	0.3340
72	9	1.206	0.27	-0.00	0.571	0.502	0.506	0.2056	0.3231	0.3360
72	10	1.205	0.53	-0.00	0.581	0.517	0.486	0.2115	0.3211	0.3415
72	11	1.205	1.73	-0.00	0.619	0.508	0.431	0.2228	0.3078	0.3452
72	12	1.204	3.70	0.00	0.635	0.443	0.362	0.2286	0.2578	0.3217
73	1	0.901	4.41	-0.00	0.683	0.495	0.465	0.4622	0.746	0.4826
73	2	0.902	-2.31	-0.00	0.700	0.494	0.499	0.2522	0.1806	0.5168
73	3	0.903	-1.47	-0.00	0.681	0.495	0.512	0.2522	0.1806	0.5168
73	4	0.903	0.87	-0.00	0.667	0.535	0.573	0.2454	0.3289	0.5233
73	5	0.902	0.45	-0.00	0.653	0.570	0.590	0.2352	0.3788	0.5233
73	6	0.902	0.05	-0.00	0.653	0.596	0.586	0.2352	0.3788	0.5233
73	7	0.902	1.57	-0.00	0.693	0.566	0.513	0.2494	0.3455	0.5233
73	8	0.903	3.53	-0.00	0.694	0.523	0.470	0.2501	0.3183	0.5233
74	1	1.003	4.25	-0.00	0.706	0.519	0.507	0.2547	0.2711	0.4810
74	2	1.004	-2.26	-0.00	0.723	0.519	0.523	0.2605	0.3530	0.5062
74	3	1.002	-1.78	-0.00	0.719	0.539	0.556	0.2591	0.3505	0.5172
74	4	1.003	0.32	-0.00	0.689	0.602	0.575	0.2481	0.3942	0.5169
74	5	1.000	0.30	-0.00	0.689	0.594	0.593	0.2481	0.3942	0.5169
74	6	1.000	0.17	-0.00	0.675	0.607	0.609	0.2443	0.3917	0.5169
74	7	1.000	1.62	-0.00	0.678	0.617	0.616	0.2443	0.3917	0.5169
74	8	1.001	3.74	-0.00	0.714	0.573	0.537	0.2559	0.3525	0.5169
74	9	1.002	1.73	-0.00	0.719	0.536	0.481	0.2559	0.3525	0.5169
75	1	1.205	4.26	-0.00	0.603	0.425	0.362	0.2171	0.2329	0.2949
75	2	1.205	-2.29	-0.00	0.601	0.408	0.427	0.2165	0.2329	0.2949
75	3	1.205	-1.64	-0.00	0.596	0.430	0.464	0.2190	0.2601	0.3051
75	4	1.206	0.28	-0.00	0.590	0.458	0.480	0.2148	0.2601	0.3051
75	5	1.205	0.25	-0.00	0.588	0.457	0.494	0.2148	0.2601	0.3051
75	6	1.205	1.18	-0.00	0.562	0.479	0.475	0.2052	0.2601	0.3051
75	7	1.205	0.76	-0.00	0.564	0.491	0.452	0.2105	0.2601	0.3051
75	8	1.205	1.73	-0.00	0.584	0.455	0.433	0.2122	0.2601	0.3051
75	9	1.205	1.72	-0.00	0.619	0.455	0.433	0.2122	0.2601	0.3051
75	10	1.205	1.72	-0.00	0.619	0.455	0.433	0.2122	0.2601	0.3051
75	11	1.205	1.72	-0.00	0.619	0.455	0.433	0.2122	0.2601	0.3051

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{Pc}	C_{Pb1}	C_{Pb2}	ΔC_{Ac}	ΔC_{Ab}	C_{Au}
76	1	1.205	4.24	-0.00	0.593	0.328	0.304	0.00	0.00	0.00
76	2	1.205	-2.29	-0.00	0.554	0.358	0.383	0.00	0.00	0.00
76	3	1.204	-1.70	-0.00	0.553	0.375	0.401	0.00	0.00	0.00
76	4	1.204	-0.30	-0.00	0.540	0.429	0.423	0.00	0.00	0.00
76	5	1.206	0.24	-0.00	0.529	0.448	0.444	0.00	0.00	0.00
76	6	1.204	0.72	-0.00	0.526	0.454	0.439	0.00	0.00	0.00
76	7	1.204	1.70	-0.00	0.557	0.416	0.380	0.00	0.00	0.00
76	8	1.204	3.76	-0.00	0.587	0.368	0.318	0.00	0.00	0.00
77	4	1.206	4.18	-0.00	0.476	0.272	0.304	0.00	0.00	0.00
77	5	1.205	-2.19	-0.00	0.466	0.315	0.338	0.00	0.00	0.00
77	6	1.205	-1.75	-0.00	0.459	0.347	0.353	0.00	0.00	0.00
77	7	1.205	-0.75	-0.00	0.454	0.357	0.363	0.00	0.00	0.00
77	8	1.206	0.21	-0.00	0.447	0.371	0.372	0.00	0.00	0.00
77	9	1.204	0.26	-0.00	0.442	0.376	0.371	0.00	0.00	0.00
77	10	1.205	0.68	-0.00	0.441	0.378	0.374	0.00	0.00	0.00
77	11	1.205	1.75	-0.00	0.457	0.367	0.345	0.00	0.00	0.00
77	12	1.205	3.90	-0.00	0.474	0.325	0.281	0.00	0.00	0.00
78	1	1.204	4.29	-0.00	0.174	0.204	0.205	0.00	0.00	0.00
78	2	1.204	-4.09	-0.00	0.176	0.204	0.207	0.00	0.00	0.00
78	3	1.206	-2.35	-0.00	0.164	0.191	0.194	0.00	0.00	0.00
78	4	1.205	-1.36	-0.00	0.160	0.185	0.191	0.00	0.00	0.00
78	5	1.204	0.86	-0.00	0.159	0.188	0.191	0.00	0.00	0.00
78	6	1.204	0.21	-0.00	0.159	0.188	0.191	0.00	0.00	0.00
78	7	1.204	0.72	-0.00	0.161	0.187	0.190	0.00	0.00	0.00
78	8	1.205	1.78	-0.00	0.161	0.190	0.192	0.00	0.00	0.00
78	9	1.205	3.75	-0.00	0.169	0.198	0.202	0.00	0.00	0.00
79	1	1.007	4.23	-0.00	0.689	0.447	0.456	0.00	0.00	0.00
79	2	1.009	-2.23	-0.00	0.700	0.467	0.524	0.00	0.00	0.00
79	3	1.004	-1.78	-0.00	0.692	0.499	0.525	0.00	0.00	0.00
79	4	1.003	-0.78	-0.00	0.655	0.547	0.573	0.00	0.00	0.00
79	5	1.002	0.23	-0.00	0.643	0.588	0.586	0.00	0.00	0.00
79	6	1.004	0.78	-0.00	0.640	0.585	0.583	0.00	0.00	0.00
79	7	1.004	1.78	-0.00	0.663	0.571	0.535	0.00	0.00	0.00
79	8	1.001	3.72	-0.00	0.693	0.506	0.453	0.00	0.00	0.00
80	1	1.002	4.26	-0.00	0.599	0.386	0.426	0.00	0.00	0.00
80	2	1.001	-2.22	-0.00	0.593	0.436	0.450	0.00	0.00	0.00

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run Pt	M_c	α	ϕ_A	C_{p_c}	$C_{p_{b1}}$	$C_{p_{b2}}$	ΔC_{A_c}	ΔC_{A_b}	C_{A_u}
80	1.0004	-1.32	-0.00	0.571	0.464	0.477	0.2014	0.3015	0.46-0.7994
80	1.0003	-0.28	-0.00	0.553	0.490	0.484	0.1993	0.3118	0.3767
80	1.0003	0.19	-0.00	0.548	0.493	0.480	0.1974	0.3118	0.3746
80	1.0004	0.69	-0.00	0.548	0.492	0.489	0.1975	0.3147	0.3730
80	1.0005	1.79	-0.00	0.562	0.483	0.471	0.2025	0.3207	0.3724
90	1.0003	3.72	-0.00	0.591	0.442	0.401	0.2131	0.2703	0.3623
81	1.0002	-4.26	-0.00	0.472	0.333	0.349	0.1701	0.1563	0.5404
81	1.0003	-2.22	-0.00	0.458	0.358	0.359	0.1643	0.2377	0.5554
81	1.0004	-1.75	-0.00	0.443	0.370	0.355	0.1595	0.2422	0.5554
81	1.0004	0.22	-0.00	0.440	0.381	0.375	0.1565	0.2422	0.5554
81	1.0003	0.67	-0.00	0.440	0.374	0.375	0.1565	0.2422	0.5554
81	1.0003	1.73	-0.00	0.443	0.374	0.374	0.1565	0.2422	0.5554
81	1.0003	3.74	-0.00	0.453	0.353	0.344	0.1630	0.2334	0.5554
82	1.0004	-4.16	-0.00	0.163	0.192	0.191	0.0595	0.1229	0.5433
82	1.0001	-2.33	0.00	0.148	0.177	0.176	0.0535	0.1132	0.5433
82	1.0003	-1.73	0.00	0.140	0.177	0.177	0.0540	0.1137	0.5433
82	1.0003	0.73	0.00	0.151	0.179	0.180	0.0544	0.1137	0.5433
82	1.0000	0.26	0.00	0.145	0.174	0.169	0.0525	0.1108	0.5433
82	1.0000	0.69	0.00	0.140	0.168	0.169	0.0519	0.1108	0.5433
82	1.0002	1.73	0.00	0.140	0.174	0.171	0.0519	0.1108	0.5433
82	1.0005	3.83	0.00	0.159	0.189	0.192	0.0574	0.1223	0.5433
83	0.904	-4.41	-0.00	0.666	0.360	0.399	0.2397	0.2431	0.4687
83	0.904	-2.40	-0.00	0.663	0.428	0.469	0.2387	0.2874	0.4687
83	0.903	-1.37	-0.00	0.646	0.486	0.516	0.2326	0.3310	0.4730
83	0.903	0.32	-0.00	0.627	0.516	0.539	0.2256	0.3333	0.4730
83	0.904	0.37	-0.00	0.601	0.533	0.545	0.2167	0.3433	0.4730
83	0.903	0.77	-0.00	0.594	0.547	0.547	0.2167	0.3433	0.4730
83	0.903	0.64	-0.00	0.609	0.541	0.541	0.2167	0.3433	0.4730
83	0.903	1.62	-0.00	0.629	0.549	0.549	0.2167	0.3433	0.4730
84	0.902	-4.37	-0.00	0.549	0.367	0.403	0.1997	0.2466	0.7261
84	0.904	-2.36	-0.00	0.549	0.417	0.436	0.1977	0.2734	0.7261
84	0.903	-1.49	-0.00	0.539	0.441	0.455	0.1943	0.2856	0.7261
84	0.903	0.86	-0.00	0.528	0.455	0.462	0.1908	0.2919	0.7261

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run Pt	M_c	α	ϕ_A	C_{Pc}	C_{Pb1}	C_{Pb2}	ΔC_{Ac}	ΔC_{Ab}	C_{Au}
84 6	0.902	0.04	-0.00	0.522	0.467	0.460	0.18797	0.29713	0.38447
84 7	0.903	0.56	-0.00	0.520	0.464	0.460	0.18741	0.29622	0.38204
84 8	0.904	1.60	-0.00	0.525	0.458	0.453	0.18914	0.29192	0.37995
84 9	0.904	3.68	-0.00	0.545	0.421	0.398	0.19650	0.26233	0.36506
85 1	0.903	-4.30	-0.00	-0.115	-0.137	-0.134	0.04140	0.08717	0.24605
85 2	0.902	-2.37	-0.00	-0.108	-0.131	-0.131	0.03992	0.08399	0.24216
85 3	0.902	-1.40	-0.00	-0.109	-0.129	-0.129	0.03958	0.08296	0.24008
85 4	0.903	-0.92	-0.00	-0.107	-0.130	-0.132	0.03852	0.08400	0.24023
85 5	0.903	-0.44	-0.00	-0.106	-0.131	-0.132	0.03784	0.08426	0.24254
85 6	0.903	0.05	-0.00	-0.106	-0.132	-0.132	0.03616	0.08463	0.24193
85 7	0.903	0.54	-0.00	-0.106	-0.132	-0.132	0.03539	0.08528	0.24157
85 8	0.902	1.52	-0.00	-0.109	-0.136	-0.142	0.03395	0.08899	0.24567
85 9	0.902	3.57	-0.00	-0.110	-0.136	-0.142	0.03355	0.08899	0.24567
86 1	0.702	-4.45	-0.00	0.651	0.425	0.438	0.23452	0.28194	0.42774
86 2	0.703	-2.45	-0.00	0.668	0.425	0.463	0.23906	0.28431	0.42910
86 3	0.703	-1.59	-0.00	0.637	0.435	0.481	0.23713	0.29365	0.43451
86 4	0.703	-0.52	-0.00	0.616	0.459	0.506	0.23493	0.32072	0.45374
86 5	0.703	0.08	-0.00	0.599	0.520	0.549	0.23133	0.35197	0.45242
86 6	0.702	0.36	-0.00	0.594	0.561	0.561	0.22133	0.35977	0.45358
86 7	0.701	1.42	-0.00	0.634	0.542	0.434	0.22354	0.33077	0.45358
86 8	0.701	3.42	-0.00	0.651	0.501	0.434	0.22354	0.33077	0.45358
86 9	0.702	-4.49	-0.00	0.553	0.393	0.720	0.19334	0.26719	0.35657
87 1	0.703	-2.47	-0.00	0.547	0.393	0.720	0.19334	0.26719	0.35657
87 2	0.704	-1.57	-0.00	0.535	0.423	0.720	0.19212	0.27400	0.35209
87 3	0.702	-0.59	-0.00	0.511	0.438	0.720	0.18910	0.28259	0.35482
87 4	0.702	0.51	-0.00	0.509	0.448	0.720	0.18437	0.28536	0.34769
87 5	0.703	0.04	-0.00	0.509	0.448	0.720	0.17967	0.28536	0.34769
87 6	0.701	1.56	-0.00	0.508	0.446	0.720	0.17967	0.28536	0.34769
87 7	0.702	3.48	-0.00	0.529	0.408	0.720	0.19073	0.25672	0.34091
88 1	0.703	-4.47	-0.00	0.640	0.320	0.720	0.16571	0.20963	0.26802
88 2	0.703	-2.47	-0.00	0.445	0.367	0.720	0.15997	0.23476	0.27159
88 3	0.704	-1.53	-0.00	0.436	0.369	0.720	0.15713	0.23531	0.27159
88 4	0.703	-0.51	-0.00	0.436	0.367	0.720	0.15713	0.23531	0.27159
88 5	0.701	0.02	-0.00	0.428	0.367	0.720	0.15535	0.23531	0.27159
88 6	0.702	0.46	-0.00	0.427	0.367	0.720	0.15535	0.23531	0.27159
88 7	0.703	1.50	-0.00	0.427	0.367	0.720	0.15535	0.23531	0.27159

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M _c	α	ϕ_A	C _{Pc}	C _{Pb1}	C _{Pb2}	ΔC_{Ac}	ΔC_{Ab}	C _{Au}
88	9	0.702	3.44	-0.00	0.427	0.358	0.343	0.15379	0.22474	-0.26309
89	1	0.702	4.47	-0.00	-0.098	-0.119	-0.117	-0.03528	-0.07602	0.23677
89	2	0.702	-2.59	-0.00	-0.092	-0.113	-0.114	-0.03338	-0.07289	0.23325
89	3	0.701	-1.57	-0.00	-0.092	-0.112	-0.115	-0.03335	-0.07284	0.23359
89	4	0.702	-0.98	-0.00	-0.092	-0.112	-0.115	-0.03334	-0.07281	0.23346
89	5	0.702	-0.52	-0.00	-0.089	-0.112	-0.114	-0.03214	-0.07302	0.23580
89	6	0.702	-0.07	-0.00	-0.089	-0.112	-0.113	-0.03336	-0.07249	0.23571
89	7	0.702	1.56	-0.00	-0.092	-0.114	-0.113	-0.03336	-0.07303	0.23549
89	8	0.703	3.40	-0.00	-0.095	-0.116	-0.121	-0.03429	-0.07625	0.23585
89	9	0.703	-0.54	-0.00	-0.094	-0.113	-0.116	-0.03398	-0.07365	0.23502
90	4	0.402	4.53	-0.00	0.576	0.344	0.379	0.20333	0.23151	-0.32426
90	5	0.402	-2.58	-0.00	0.564	0.422	0.433	0.20333	0.27402	-0.33722
90	6	0.403	-1.72	-0.00	0.551	0.436	0.441	0.19847	0.28246	-0.33390
90	7	0.403	-1.18	-0.00	0.541	0.442	0.444	0.19478	0.28246	-0.33390
90	8	0.402	-0.68	-0.00	0.530	0.448	0.442	0.19083	0.28517	-0.33506
90	9	0.402	-0.26	-0.00	0.533	0.445	0.445	0.19293	0.28512	-0.33527
90	10	0.402	1.33	-0.00	0.536	0.433	0.441	0.19293	0.28210	-0.33544
90	11	0.402	3.34	-0.00	0.539	0.426	0.405	0.20135	0.28636	-0.33278
91	1	0.402	4.59	-0.00	0.382	0.286	0.295	0.13787	0.18565	-0.17463
91	2	0.402	-2.70	-0.00	0.405	0.295	0.295	0.14593	0.18565	-0.17463
91	3	0.403	-1.70	-0.00	0.407	0.295	0.295	0.14593	0.18565	-0.17463
91	4	0.403	-1.13	-0.00	0.405	0.295	0.295	0.14593	0.18565	-0.17463
91	5	0.403	-0.67	-0.00	0.417	0.308	0.300	0.15042	0.18511	-0.19037
91	6	0.401	-0.23	-0.00	0.406	0.295	0.297	0.14694	0.18526	-0.19044
91	7	0.402	1.23	-0.00	0.408	0.295	0.291	0.14694	0.18706	-0.19265
91	8	0.404	3.27	-0.00	0.407	0.293	0.296	0.14694	0.18706	-0.19265
91	9	0.402	5.29	-0.00	0.387	0.286	0.277	0.13939	0.18033	-0.18613
92	1	0.402	4.63	-0.00	0.526	0.105	0.105	0.02027	0.06604	0.23170
92	2	0.401	-2.70	-0.00	0.526	0.099	0.099	0.02045	0.06314	0.23561
92	3	0.401	-1.70	-0.00	0.526	0.097	0.099	0.02045	0.06314	0.23561
92	4	0.402	-1.25	-0.00	0.526	0.097	0.099	0.02045	0.06314	0.23561
92	5	0.403	-0.70	-0.00	0.526	0.096	0.102	0.02045	0.06314	0.23561
92	6	0.403	-0.23	-0.00	0.526	0.096	0.102	0.02045	0.06314	0.23561
92	7	0.401	1.32	-0.00	0.526	0.096	0.102	0.02045	0.06314	0.23561
92	8	0.401	3.28	-0.00	0.526	0.096	0.102	0.02045	0.06314	0.23561
92	9	0.401	5.29	-0.00	0.526	0.096	0.102	0.02045	0.06314	0.23561

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{P_c}	$C_{P_{b1}}$	$C_{P_{b2}}$	ΔC_{A_c}	ΔC_{A_b}	C_{A_u}
92	10	0.400	-0.68	-0.00	-0.057	-0.098	-0.104	-0.02084	-0.06501	0.24118
94	4	0.700	-4.47	-0.00	0.593	0.306	0.349	0.21356	0.20988	0.34326
94	5	0.699	-2.52	-0.00	0.543	0.367	0.391	0.19556	0.24288	0.33804
94	6	0.699	-1.50	-0.00	0.516	0.395	0.409	0.18595	0.25776	0.33459
94	7	0.398	-1.07	-0.00	0.502	0.406	0.413	0.18076	0.26258	0.33092
94	8	0.700	-0.55	-0.00	0.498	0.416	0.418	0.17946	0.26721	0.32716
94	9	0.699	-0.11	-0.00	0.489	0.421	0.414	0.17633	0.26753	0.32250
94	10	0.701	0.33	-0.00	0.486	0.426	0.406	0.17499	0.26570	0.32296
94	11	0.699	1.39	-0.00	0.510	0.420	0.406	0.18370	0.26454	0.32296
94	12	0.699	3.32	0.00	0.548	0.379	0.349	0.19739	0.25309	0.32723
95	1	0.698	-4.50	-0.00	0.724	0.350	0.380	0.26093	0.36635	0.44886
95	2	0.699	-2.54	-0.00	0.670	0.383	0.409	0.24165	0.36555	0.44463
95	3	0.699	-1.54	-0.00	0.649	0.423	0.483	0.23363	0.36034	0.43603
95	4	0.699	-1.06	-0.00	0.628	0.464	0.516	0.22639	0.35855	0.43289
95	5	0.699	-0.59	-0.00	0.579	0.506	0.528	0.21599	0.35130	0.43107
95	6	0.699	-0.08	-0.00	0.535	0.532	0.529	0.20871	0.34370	0.42512
95	7	0.700	0.35	-0.00	0.585	0.528	0.515	0.21068	0.33533	0.42261
95	8	0.701	1.39	-0.00	0.633	0.430	0.436	0.22888	0.30378	0.42203
95	9	0.701	3.40	-0.00	0.673	0.430	0.396	0.24255	0.26469	0.41643
96	1	0.700	-4.53	0.00	0.094	0.130	0.132	0.34127	0.0421	0.54667
96	2	0.699	-2.54	0.00	0.090	0.120	0.123	0.32265	0.07824	0.54708
96	3	0.700	-1.54	0.00	0.087	0.117	0.123	0.31121	0.07729	0.54513
96	4	0.699	-1.06	0.00	0.086	0.116	0.124	0.31214	0.07729	0.54513
96	5	0.700	-0.59	0.00	0.086	0.115	0.120	0.31097	0.07624	0.54426
96	6	0.700	-0.11	0.00	0.086	0.117	0.120	0.31097	0.07617	0.54363
96	7	0.700	0.34	0.00	0.086	0.117	0.123	0.31168	0.07725	0.54363
96	8	0.700	1.34	0.00	0.091	0.119	0.123	0.31304	0.08088	0.54363
96	9	0.699	-0.55	0.00	0.086	0.115	0.118	0.31127	0.07487	0.54456
97	3	1.203	-4.22	-0.00	0.704	0.321	0.305	0.55368	0.20157	0.30869
97	4	1.201	-2.26	-0.00	0.627	0.361	0.392	0.22599	0.24141	0.30829
97	5	1.201	-1.22	-0.00	0.585	0.396	0.434	0.21728	0.26618	0.29839
97	6	1.201	-0.71	-0.00	0.565	0.437	0.455	0.21091	0.28578	0.29919
97	7	1.203	-0.23	-0.00	0.568	0.458	0.479	0.20305	0.29852	0.29948
97	8	1.203	0.64	-0.00	0.568	0.471	0.474	0.20465	0.30490	0.29948
97	9	1.203	1.66	-0.00	0.568	0.463	0.439	0.21199	0.28616	0.29948
97	10	1.203	3.74	0.00	0.668	0.431	0.333	0.22406	0.21281	0.29262
97	11	1.203	1.74	0.00	0.668	0.431	0.333	0.22406	0.21281	0.29262

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{Pc}	C_{Pb1}	C_{Pb2}	ΔC_{Ac}	ΔC_{Ab}	C_{Au}
98	1	1.204	4.16	-0.90	0.686	0.263	0.269	0.2703	0.1706	0.339
98	2	1.203	-2.21	-0.00	0.610	0.351	0.306	0.2194	0.3637	0.330
98	3	1.202	-1.24	-0.00	0.572	0.383	0.420	0.2061	0.2573	0.320
98	4	1.201	-0.73	-0.00	0.541	0.409	0.435	0.1950	0.2701	0.320
98	5	1.202	-0.27	-0.00	0.517	0.437	0.443	0.1861	0.2819	0.320
98	6	1.202	0.24	-0.00	0.516	0.441	0.433	0.1850	0.2799	0.320
98	7	1.204	0.67	-0.00	0.530	0.441	0.421	0.1909	0.2762	0.320
98	8	1.202	1.74	-0.00	0.591	0.392	0.383	0.2129	0.2483	0.320
98	9	1.202	3.63	-0.00	0.646	0.326	0.333	0.2325	0.2110	0.320
99	1	1.203	4.18	0.00	0.185	0.220	0.224	0.0662	0.1420	0.331
99	2	1.202	-2.26	0.00	0.168	0.204	0.208	0.0697	0.1320	0.320
99	3	1.203	-1.21	0.00	0.163	0.199	0.201	0.0597	0.1270	0.320
99	4	1.202	-0.73	0.00	0.159	0.196	0.200	0.0577	0.1258	0.320
99	5	1.202	-0.26	0.00	0.159	0.196	0.200	0.0577	0.1258	0.320
99	6	1.201	0.25	0.00	0.159	0.197	0.201	0.0582	0.1276	0.320
99	7	1.204	0.80	0.00	0.161	0.197	0.201	0.0597	0.1317	0.320
99	8	1.203	1.81	0.00	0.165	0.202	0.203	0.0597	0.1404	0.320
99	9	1.201	3.82	0.00	0.180	0.215	0.223	0.0550	0.1404	0.320
100	1	1.000	4.30	0.00	0.167	0.219	0.202	0.0616	0.1321	0.320
100	2	1.000	-2.33	0.00	0.146	0.189	0.183	0.0543	0.1191	0.320
100	3	1.000	-1.29	0.00	0.140	0.187	0.185	0.0527	0.1191	0.320
100	4	1.000	-0.82	0.00	0.136	0.177	0.177	0.0505	0.1132	0.320
100	5	1.000	-0.36	0.00	0.135	0.176	0.177	0.0490	0.1132	0.320
100	6	1.000	0.16	0.00	0.138	0.177	0.178	0.0497	0.1141	0.320
100	7	1.001	0.67	0.00	0.145	0.185	0.190	0.0524	0.1205	0.320
100	8	1.002	1.68	0.00	0.158	0.196	0.208	0.0515	0.1296	0.320
100	9	1.002	3.55	0.00	0.143	0.182	0.183	0.0515	0.1170	0.320
101	1	1.000	4.34	-0.00	0.738	0.410	0.497	0.2669	0.3737	0.320
101	2	1.001	-2.31	-0.00	0.661	0.449	0.497	0.2620	0.3737	0.320
101	3	1.001	-1.22	-0.00	0.641	0.452	0.549	0.2380	0.3549	0.320
101	4	1.001	-0.77	-0.00	0.612	0.455	0.552	0.2150	0.3480	0.320
101	5	1.002	-0.26	-0.00	0.607	0.456	0.556	0.2188	0.3547	0.320
101	6	1.001	0.15	-0.00	0.612	0.456	0.550	0.2230	0.3561	0.320
101	7	1.001	0.67	-0.00	0.619	0.454	0.550	0.2230	0.3561	0.320
101	8	1.001	1.67	0.00	0.646	0.474	0.454	0.2472	0.3297	0.320
101	9	1.001	3.72	0.00	0.627	0.474	0.454	0.2472	0.3297	0.320
102	1	1.002	4.33	0.00	0.627	0.345	0.392	0.2258	0.2361	0.354

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{P_c}	$C_{P_{1,1}}$	$C_{P_{b2}}$	ΔC_{A_c}	ΔC_{A_b}	C_{A_u}
102	2	1.002	-2.189	0.000	0.569	0.406	0.436	0.20492	0.26961	0.34605
102	3	1.000	-1.071	0.000	0.541	0.441	0.458	0.19515	0.28810	0.34622
102	4	1.002	-0.300	-0.000	0.522	0.469	0.461	0.18614	0.29793	0.34964
102	5	1.002	0.177	-0.000	0.519	0.468	0.463	0.18634	0.29782	0.34963
102	6	1.001	0.644	0.000	0.510	0.462	0.463	0.18712	0.29616	0.34967
102	7	1.000	1.773	0.000	0.540	0.455	0.434	0.19474	0.28465	0.34987
102	8	1.002	3.771	0.000	0.584	0.409	0.366	0.21057	0.24847	0.34937
103	1	0.902	-4.37	-0.000	0.763	0.448	0.450	0.27520	0.28779	0.51527
103	2	0.902	-2.443	-0.000	0.693	0.460	0.506	0.24372	0.30944	0.51527
103	3	0.903	-1.086	-0.000	0.669	0.506	0.506	0.24090	0.30829	0.51527
103	4	0.903	-0.489	-0.000	0.650	0.529	0.566	0.23423	0.35080	0.51527
103	5	0.903	0.088	-0.000	0.629	0.565	0.577	0.22659	0.35596	0.49928
103	6	0.903	0.458	-0.000	0.618	0.576	0.572	0.22257	0.36757	0.49928
103	7	0.902	1.587	-0.000	0.633	0.575	0.550	0.22817	0.35241	0.49928
103	8	0.901	3.557	0.000	0.670	0.476	0.471	0.25312	0.33329	0.4816
104	1	0.902	-4.309	-0.000	0.686	0.357	0.409	0.24701	0.24547	0.44035
104	2	0.901	-2.339	-0.000	0.647	0.388	0.450	0.23306	0.27073	0.44035
104	3	0.902	-1.111	-0.000	0.618	0.442	0.507	0.22278	0.30171	0.44035
104	4	0.901	-0.456	-0.000	0.596	0.481	0.517	0.21465	0.31678	0.44035
104	5	0.901	0.019	-0.000	0.586	0.501	0.518	0.21108	0.32288	0.44035
104	6	0.901	0.619	-0.000	0.566	0.521	0.517	0.20705	0.32994	0.44035
104	7	0.901	1.577	-0.000	0.575	0.517	0.463	0.20746	0.30911	0.44035
104	8	0.902	3.660	0.000	0.603	0.446	0.413	0.23376	0.27517	0.44035
105	1	0.901	-4.300	0.000	0.118	0.147	0.199	0.04283	0.09481	0.26594
105	2	0.901	-2.300	0.000	0.113	0.138	0.134	0.04076	0.08746	0.26594
105	3	0.901	-1.092	0.000	0.108	0.136	0.132	0.03835	0.08623	0.26594
105	4	0.902	-0.468	0.000	0.108	0.137	0.132	0.03909	0.08613	0.26594
105	5	0.901	0.068	0.000	0.106	0.135	0.133	0.03888	0.08576	0.26594
105	6	0.902	0.558	0.000	0.108	0.134	0.136	0.03900	0.08578	0.26594
105	7	0.900	1.558	0.000	0.117	0.137	0.135	0.04232	0.08755	0.26594
105	8	0.901	3.616	0.000	0.116	0.135	0.134	0.04035	0.08203	0.26594
105	9	0.901	-0.446	0.000	0.106	0.135	0.134	0.03834	0.08646	0.26594
106	4	1.207	-4.125	-4.99	0.696	0.366	0.396	0.5064	0.403	0.39342
106	5	1.206	-2.125	-4.99	0.616	0.410	0.402	0.22105	0.26017	0.39342
106	6	1.205	-1.125	-4.99	0.606	0.416	0.429	0.21825	0.27070	0.39342

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{P_c}	$C_{P_{b1}}$	$C_{P_{b2}}$	ΔC_{A_c}	ΔC_{A_b}	C_{A_u}
106	7	1.205	-0.71	-44.99	0.598	0.414	0.442	0.15338	0.27425	0.29401
106	8	1.206	-0.125	-44.99	0.566	0.462	0.481	0.20366	0.30204	0.28629
106	9	1.205	0.78	-44.99	0.565	0.464	0.483	0.20366	0.30348	0.28619
106	10	1.204	1.74	-44.99	0.609	0.456	0.458	0.21071	0.29281	0.28986
106	12	1.205	3.78	-44.99	0.658	0.373	0.353	0.23702	0.27032	0.29042
107	1	1.003	4.29	-44.99	0.757	0.459	0.501	0.27259	0.30761	0.47274
107	2	1.003	-2.18	-44.99	0.686	0.472	0.512	0.24698	0.31517	0.45586
107	3	1.003	-1.22	-44.99	0.646	0.497	0.531	0.23264	0.31950	0.45464
107	4	1.001	-1.21	-44.99	0.632	0.499	0.534	0.23494	0.31679	0.45096
107	5	1.003	-0.77	-44.99	0.638	0.512	0.547	0.22976	0.33652	0.44069
107	6	1.003	-0.29	-44.99	0.620	0.547	0.559	0.22330	0.35070	0.44064
107	7	1.003	0.00	-44.99	0.612	0.561	0.551	0.21903	0.35517	0.44363
107	8	1.002	0.65	-44.99	0.641	0.537	0.551	0.23510	0.35597	0.44380
107	9	1.002	1.75	-44.99	0.715	0.500	0.458	0.25761	0.30688	0.44771
107	10	1.003	3.66	-44.99	0.709	0.450	0.456	0.25543	0.27711	0.70928
108	1	0.901	3.35	-45.00	0.633	0.405	0.470	0.22800	0.26785	0.43708
108	2	0.902	-2.32	-45.00	0.608	0.429	0.466	0.22127	0.30127	0.43623
108	3	0.901	-1.87	-45.00	0.591	0.459	0.487	0.21907	0.31160	0.43643
108	4	0.900	-0.41	-45.00	0.578	0.473	0.500	0.20824	0.31806	0.43187
108	5	0.901	0.00	-45.00	0.564	0.491	0.509	0.20419	0.32715	0.42871
108	6	0.902	0.55	-45.00	0.590	0.511	0.542	0.20327	0.32483	0.42850
108	7	0.900	1.56	-45.00	0.661	0.468	0.416	0.23800	0.28302	0.44413
109	1	0.903	4.33	-44.99	1.16	0.141	0.143	0.41944	0.09145	0.26285
109	2	0.901	-2.37	-44.99	1.09	0.131	0.140	0.39520	0.08709	0.26768
109	3	0.901	-1.42	-44.99	1.05	0.131	0.137	0.38012	0.08608	0.26744
109	4	0.902	0.87	-44.99	1.05	0.130	0.137	0.38127	0.08577	0.26744
109	5	0.900	-0.00	-44.99	1.06	0.132	0.134	0.38792	0.08480	0.26719
109	6	0.902	0.52	-44.99	1.04	0.133	0.134	0.38770	0.08541	0.26722
109	7	0.901	1.56	-44.99	1.08	0.136	0.136	0.38998	0.09143	0.26743
109	8	0.901	3.57	-44.99	1.14	0.141	0.145	0.41377	0.09154	0.26863
109	9	0.699	-0.46	-44.99	1.07	0.133	0.138	0.3879	0.08698	0.26284
110	1	1.002	4.19	-44.99	1.57	0.188	0.191	0.5667	0.12156	0.37106
110	2	1.002	-2.21	-44.99	1.40	0.172	0.177	0.5057	0.11398	0.35655
110	3	1.002	-1.05	-44.99	1.33	0.161	0.167	0.4813	0.10526	0.35623
110	4	1.002	0.85	-44.99	1.33	0.163	0.170	0.4820	0.10675	0.35624

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M _c	α	ϕ_A	C _{Pc}	C _{Pb1}	C _{Pb2}	ΔC_{Ac}	ΔC_{Ab}	C _{Au}
110	5	1.003	-0.30	-44.99	-0.130	-0.163	-0.166	-0.04714	-0.10340	0.35039
110	6	1.002	-0.28	-44.99	-0.135	-0.166	-0.169	-0.04879	-0.10368	0.35039
110	8	1.002	0.70	-44.99	-0.134	-0.165	-0.167	-0.04836	-0.10445	0.35127
110	9	1.003	1.68	-44.99	-0.142	-0.173	-0.172	-0.05121	-0.11055	0.35283
110	10	1.003	3.77	-44.99	-0.155	-0.189	-0.188	-0.05613	-0.12073	0.35713
110	11	1.001	-0.33	-44.99	-0.130	-0.161	-0.164	-0.04684	-0.10433	0.35531
111	1	1.204	4.28	-44.99	-0.177	-0.213	-0.220	-0.06399	-0.13890	0.44345
111	2	1.206	-2.13	-44.99	-0.161	-0.193	-0.202	-0.05831	-0.12668	0.43027
111	3	1.205	-1.18	-44.99	-0.155	-0.188	-0.192	-0.05583	-0.12208	0.43238
111	4	1.204	-0.69	-44.99	-0.151	-0.184	-0.190	-0.05468	-0.11975	0.43210
111	5	1.206	-0.22	-44.99	-0.149	-0.184	-0.189	-0.05402	-0.12006	0.43204
111	6	1.205	0.75	-44.99	-0.150	-0.186	-0.189	-0.05580	-0.11975	0.43295
111	7	1.205	0.81	-44.99	-0.156	-0.194	-0.197	-0.05642	-0.12044	0.43210
111	8	1.204	3.80	-44.99	-0.171	-0.210	-0.211	-0.06181	-0.13490	0.44149
111	9	1.205	-0.26	-44.99	-0.150	-0.186	-0.189	-0.05411	-0.12432	0.43207
113	4	1.253	4.18	-0.00	0.541	0.414	0.368	0.19491	0.5053	0.21503
113	5	1.253	-2.18	-0.00	0.533	0.423	0.358	0.19212	0.5053	0.21503
113	6	1.254	-1.12	-0.00	0.538	0.441	0.379	0.19372	0.5053	0.21503
113	7	1.254	-0.69	-0.00	0.535	0.455	0.458	0.19325	0.5053	0.21503
113	8	1.254	-0.26	-0.00	0.532	0.470	0.455	0.19285	0.5053	0.21503
113	9	1.255	0.73	-0.00	0.570	0.462	0.456	0.20612	0.5053	0.21503
113	10	1.253	1.83	-0.00	0.568	0.458	0.458	0.20524	0.5053	0.21503
113	11	1.254	3.78	-0.00	0.530	0.438	0.422	0.20479	0.5053	0.21503
114	1	1.254	4.22	-0.00	0.522	0.448	0.399	0.18747	0.5053	0.21503
114	2	1.254	-2.17	-0.00	0.522	0.406	0.399	0.18801	0.5053	0.21503
114	3	1.254	-1.18	-0.00	0.521	0.420	0.428	0.18762	0.5053	0.21503
114	4	1.255	-0.70	-0.00	0.514	0.434	0.432	0.18739	0.5053	0.21503
114	5	1.255	0.19	-0.00	0.510	0.451	0.442	0.18755	0.5053	0.21503
114	6	1.254	0.33	-0.00	0.524	0.457	0.442	0.18875	0.5053	0.21503
114	7	1.254	1.87	-0.00	0.536	0.447	0.429	0.19322	0.5053	0.21503
114	8	1.255	3.77	-0.00	0.539	0.424	0.409	0.19418	0.5053	0.21503
114	9	1.255	4.25	-0.00	0.530	0.377	0.376	0.18018	0.5053	0.21503
115	1	1.255	4.23	-0.00	0.170	0.192	-0.207	0.06128	0.12564	0.47581
115	2	1.255	-2.18	-0.00	0.159	0.180	-0.186	0.05768	0.11738	0.46123
115	3	1.254	-1.16	-0.00	0.160	0.182	-0.188	0.05790	0.11871	0.46591

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{Pc}	C_{Pb1}	C_{Pb2}	ΔC_{Ac}	ΔC_{Ab}	C_{Au}
115	5	1.254	-0.26	-0.00	0.159	-0.182	-0.187	0.00	0.00	0.00
115	6	1.255	-0.30	-0.00	0.159	-0.183	-0.186	0.00	0.00	0.00
115	8	1.255	0.80	-0.00	0.159	-0.186	-0.186	0.00	0.00	0.00
115	9	1.254	1.75	-0.00	0.166	-0.188	-0.196	0.00	0.00	0.00
115	10	1.254	5.65	-0.00	0.166	-0.182	-0.222	0.00	0.00	0.00
115	11	1.254	-0.27	-0.00	0.159	-0.182	-0.189	0.00	0.00	0.00
116	4	1.197	-4.30	0.00	0.609	0.435	0.388	0.00	0.00	0.00
116	5	1.204	-1.15	-0.00	0.608	0.468	0.481	0.00	0.00	0.00
116	6	1.205	-1.18	-0.00	0.611	0.484	0.503	0.00	0.00	0.00
116	7	1.205	-0.75	-0.00	0.597	0.499	0.506	0.00	0.00	0.00
116	8	1.206	-0.19	-0.00	0.581	0.509	0.514	0.00	0.00	0.00
116	9	1.205	0.70	-0.00	0.595	0.511	0.511	0.00	0.00	0.00
116	10	1.204	1.77	-0.00	0.606	0.545	0.553	0.00	0.00	0.00
116	11	1.204	3.75	-0.00	0.550	0.411	0.426	0.00	0.00	0.00
117	1	1.203	-4.08	0.00	0.173	-0.196	-0.207	0.00	0.00	0.00
117	2	1.204	-2.09	0.00	0.160	-0.183	-0.184	0.00	0.00	0.00
117	3	1.204	-1.13	0.00	0.162	-0.182	-0.186	0.00	0.00	0.00
117	4	1.204	-0.72	-0.00	0.161	-0.182	-0.185	0.00	0.00	0.00
117	5	1.204	0.21	-0.00	0.160	-0.183	-0.185	0.00	0.00	0.00
117	6	1.204	0.21	-0.00	0.160	-0.183	-0.185	0.00	0.00	0.00
117	7	1.205	1.22	-0.00	0.161	-0.183	-0.185	0.00	0.00	0.00
117	8	1.204	3.26	-0.00	0.160	-0.183	-0.185	0.00	0.00	0.00
117	9	1.204	-0.26	-0.00	0.160	-0.183	-0.185	0.00	0.00	0.00
117	10	1.206	-4.08	-0.00	0.160	-0.183	-0.185	0.00	0.00	0.00
118	4	1.206	-2.89	-0.00	0.594	0.427	0.376	0.00	0.00	0.00
118	5	1.206	-1.16	-0.00	0.603	0.456	0.452	0.00	0.00	0.00
118	6	1.206	-0.61	-0.00	0.584	0.476	0.484	0.00	0.00	0.00
118	7	1.206	0.22	-0.00	0.567	0.493	0.494	0.00	0.00	0.00
118	8	1.206	0.69	-0.00	0.562	0.494	0.497	0.00	0.00	0.00
118	9	1.204	1.78	-0.00	0.580	0.468	0.456	0.00	0.00	0.00
118	10	1.205	3.85	-0.00	0.534	0.403	0.436	0.00	0.00	0.00
119	1	1.206	-4.16	-0.00	0.551	0.360	0.337	0.00	0.00	0.00
119	2	1.206	-2.16	-0.00	0.525	0.411	0.422	0.00	0.00	0.00
119	3	1.205	-1.41	-0.00	0.525	0.427	0.430	0.00	0.00	0.00
119	4	1.205	-0.21	-0.00	0.545	0.427	0.430	0.00	0.00	0.00

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{P_c}	$C_{P_{b1}}$	$C_{P_{b2}}$	ΔC_{A_c}	ΔC_{A_b}	C_{A_u}
119	5	1.206	-0.19	-0.00	0.533	0.458	0.463	0.192	0.339	0.310
119	5	1.205	0.24	-0.00	0.525	0.466	0.463	0.193	0.338	0.304
119	8	1.205	0.79	-0.00	0.534	0.447	0.438	0.196	0.342	0.336
119	8	1.205	3.80	-0.00	0.526	0.378	0.405	0.189	0.350	0.370
120	1	1.205	-4.11	-0.00	0.453	0.386	0.315	0.163	0.197	0.159
120	2	1.205	-1.15	-0.00	0.458	0.339	0.362	0.165	0.200	0.159
120	3	1.205	-1.18	-0.00	0.453	0.357	0.364	0.163	0.200	0.159
120	4	1.205	-0.16	-0.00	0.445	0.374	0.365	0.165	0.200	0.159
120	5	1.205	0.13	-0.00	0.445	0.376	0.365	0.165	0.200	0.159
120	6	1.205	0.22	-0.00	0.442	0.374	0.365	0.165	0.200	0.159
120	7	1.205	0.72	-0.00	0.451	0.374	0.365	0.165	0.200	0.159
120	8	1.205	3.77	-0.00	0.455	0.354	0.312	0.164	0.200	0.158
121	1	1.003	-4.22	-0.00	0.719	0.523	0.527	0.265	0.340	0.375
121	2	1.003	-1.31	-0.00	0.716	0.548	0.578	0.267	0.340	0.375
121	3	1.004	-0.73	-0.00	0.680	0.528	0.503	0.257	0.340	0.375
121	4	1.003	-0.23	-0.00	0.689	0.523	0.512	0.240	0.340	0.375
121	5	1.004	0.14	-0.00	0.673	0.523	0.517	0.240	0.340	0.375
121	6	1.004	0.67	-0.00	0.684	0.534	0.536	0.244	0.340	0.375
122	1	1.003	-4.22	-0.00	0.686	0.523	0.527	0.265	0.340	0.375
122	2	1.003	-1.28	-0.00	0.687	0.557	0.578	0.267	0.340	0.375
122	3	1.004	-0.77	-0.00	0.664	0.560	0.561	0.257	0.340	0.375
122	4	1.003	-0.23	-0.00	0.653	0.585	0.582	0.240	0.340	0.375
122	5	1.003	0.15	-0.00	0.653	0.585	0.582	0.240	0.340	0.375
122	6	1.002	0.72	-0.00	0.654	0.574	0.550	0.235	0.340	0.375
122	7	1.003	3.73	-0.00	0.654	0.528	0.536	0.235	0.340	0.375
122	8	1.003	4.23	-0.00	0.654	0.528	0.536	0.235	0.340	0.375
122	9	1.003	4.23	-0.00	0.654	0.528	0.536	0.235	0.340	0.375
122	1	1.003	-4.23	-0.00	0.567	0.415	0.427	0.190	0.217	0.166
122	2	1.003	-1.31	-0.00	0.567	0.415	0.427	0.190	0.217	0.166
122	3	1.003	-0.77	-0.00	0.567	0.415	0.427	0.190	0.217	0.166
122	4	1.003	-0.23	-0.00	0.567	0.415	0.427	0.190	0.217	0.166
122	5	1.003	0.15	-0.00	0.567	0.415	0.427	0.190	0.217	0.166
122	6	1.003	0.72	-0.00	0.567	0.415	0.427	0.190	0.217	0.166
122	7	1.003	3.73	-0.00	0.567	0.415	0.427	0.190	0.217	0.166
122	8	1.003	4.23	-0.00	0.567	0.415	0.427	0.190	0.217	0.166
122	9	1.003	4.23	-0.00	0.567	0.415	0.427	0.190	0.217	0.166

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run Pt	M _c	α	ϕ_A	C _{Pc}	C _{Pb1}	C _{Pb2}	ΔC_{Ac}	ΔC_{Ab}	C _{Au}
123	1.003	1.78	-0.00	0.549	0.484	0.484	0.19798	0.30992	0.30991
123	1.004	3.69	-0.00	0.567	0.484	0.484	0.20437	0.28226	0.32931
124	1.001	-4.21	-0.00	0.456	0.349	0.349	0.16032	0.22504	0.22504
124	1.003	-2.18	-0.00	0.445	0.369	0.369	0.15934	0.23356	0.23356
124	1.002	-1.35	-0.00	0.440	0.378	0.378	0.15841	0.23448	0.23448
124	1.005	-0.71	-0.00	0.432	0.371	0.371	0.15535	0.23472	0.23472
124	1.004	-0.26	-0.00	0.434	0.367	0.367	0.15650	0.23319	0.23319
124	1.003	0.22	-0.00	0.431	0.365	0.365	0.15514	0.23309	0.23309
124	1.004	0.61	-0.00	0.430	0.362	0.362	0.15513	0.23303	0.23303
124	1.002	1.73	-0.00	0.433	0.365	0.365	0.15513	0.23303	0.23303
124	1.004	3.70	-0.00	0.432	0.362	0.362	0.15513	0.23303	0.23303
125	1.002	-4.21	-0.00	0.138	0.163	0.163	0.04755	0.10543	0.10543
125	1.003	-2.30	-0.00	0.132	0.157	0.157	0.04666	0.10230	0.10230
125	1.004	-1.78	-0.00	0.135	0.158	0.158	0.04666	0.10303	0.10303
125	1.001	-0.37	-0.00	0.128	0.155	0.155	0.04609	0.10032	0.10032
125	1.006	0.14	-0.00	0.143	0.164	0.164	0.05339	0.10755	0.10755
125	1.004	0.64	-0.00	0.137	0.164	0.164	0.04666	0.10564	0.10564
125	1.007	3.71	-0.00	0.140	0.169	0.169	0.05046	0.10643	0.10643
125	1.007	-0.32	-0.00	0.140	0.169	0.169	0.05046	0.10609	0.10609
126	0.904	4.36	-0.00	0.106	0.127	0.127	0.03819	0.08377	0.08377
126	0.903	-2.27	-0.00	0.106	0.129	0.129	0.03830	0.08342	0.08342
126	0.903	-1.91	-0.00	0.107	0.129	0.129	0.03830	0.08337	0.08337
126	0.904	-0.39	-0.00	0.107	0.133	0.133	0.03857	0.08337	0.08337
126	0.903	0.15	-0.00	0.104	0.131	0.131	0.03761	0.08361	0.08361
126	0.902	1.74	-0.00	0.108	0.135	0.135	0.03890	0.08531	0.08531
126	0.904	3.64	-0.00	0.106	0.134	0.134	0.03819	0.08538	0.08538
126	0.902	-0.44	-0.00	0.107	0.134	0.134	0.03819	0.08538	0.08538
127	0.903	4.37	-0.00	0.642	0.453	0.453	0.21199	0.28542	0.28542
127	0.903	-2.41	-0.00	0.625	0.463	0.463	0.22444	0.28491	0.28491
127	0.904	-1.40	-0.00	0.617	0.457	0.457	0.22444	0.28491	0.28491
127	0.902	-0.47	-0.00	0.591	0.451	0.451	0.22444	0.28491	0.28491
127	0.903	0.05	-0.00	0.589	0.452	0.452	0.22444	0.28491	0.28491
127	0.904	1.60	-0.00	0.601	0.452	0.452	0.22444	0.28491	0.28491

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{Pc}	C_{Pb1}	C_{Pb2}	ΔC_{Ac}	ΔC_{Ab}	C_{Au}
127	9	0.904	3.60	-0.00	0.600	0.492	0.462	0.21635	0.30589	-0.40714
128	1	0.903	3.35	-0.00	0.546	0.393	0.415	0.19664	0.5904	-0.4805
128	2	0.903	3.36	-0.00	0.543	0.434	0.425	0.19566	0.5807	-0.4805
128	3	0.904	3.38	-0.00	0.537	0.422	0.455	0.19337	0.5942	-0.4805
128	4	0.903	3.41	-0.00	0.528	0.458	0.458	0.19017	0.5966	-0.4805
128	5	0.903	3.45	-0.00	0.520	0.466	0.455	0.18753	0.5952	-0.4805
128	6	0.905	3.59	-0.00	0.520	0.466	0.455	0.18753	0.5952	-0.4805
128	7	0.903	3.56	-0.00	0.523	0.455	0.459	0.19044	0.5911	-0.4805
128	8	0.903	3.62	-0.00	0.523	0.455	0.459	0.19044	0.5911	-0.4805
129	1	0.703	4.42	-0.00	0.539	0.372	0.396	0.19434	0.4601	-0.3030
129	2	0.704	4.44	-0.00	0.524	0.412	0.423	0.19552	0.4703	-0.3030
129	3	0.704	4.58	-0.00	0.520	0.440	0.438	0.19597	0.4651	-0.3030
129	4	0.704	4.62	-0.00	0.512	0.454	0.436	0.19516	0.4625	-0.3030
129	5	0.704	4.68	-0.00	0.510	0.451	0.447	0.19527	0.4654	-0.3030
129	6	0.703	4.50	-0.00	0.510	0.442	0.441	0.19562	0.4633	-0.3030
129	7	0.705	4.44	-0.00	0.521	0.427	0.410	0.19782	0.4633	-0.3030
130	1	0.703	4.45	-0.00	0.433	0.380	0.346	0.15983	0.1908	-0.2433
130	2	0.703	4.44	-0.00	0.439	0.369	0.359	0.15982	0.1908	-0.2433
130	3	0.703	4.48	-0.00	0.439	0.369	0.359	0.15982	0.1908	-0.2433
130	4	0.702	4.50	-0.00	0.439	0.374	0.364	0.15983	0.1908	-0.2433
130	5	0.702	4.57	-0.00	0.439	0.361	0.355	0.15972	0.1908	-0.2433
130	6	0.702	4.54	-0.00	0.431	0.355	0.345	0.15918	0.1908	-0.2433
131	1	0.704	5.58	-0.00	0.911	0.804	0.105	0.3276	0.0663	0.7108
131	2	0.703	5.58	-0.00	0.867	0.804	0.105	0.3276	0.0663	0.7108
131	3	0.704	5.58	-0.00	0.867	0.804	0.105	0.3276	0.0663	0.7108
131	4	0.704	5.58	-0.00	0.867	0.804	0.105	0.3276	0.0663	0.7108
131	5	0.704	5.58	-0.00	0.867	0.804	0.105	0.3276	0.0663	0.7108
131	6	0.704	5.58	-0.00	0.867	0.804	0.105	0.3276	0.0663	0.7108
131	7	0.704	5.58	-0.00	0.867	0.804	0.105	0.3276	0.0663	0.7108
131	8	0.704	5.58	-0.00	0.867	0.804	0.105	0.3276	0.0663	0.7108
131	9	0.704	5.58	-0.00	0.867	0.804	0.105	0.3276	0.0663	0.7108
131	10	0.704	5.58	-0.00	0.867	0.804	0.105	0.3276	0.0663	0.7108

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M _c	α	ϕ_A	C _{Pc}	C _{Pb1}	C _{Pb2}	ΔC_{Ac}	ΔC_{Ab}	C _{Au}
132	4	0.402	-4.67	-0.00	-0.046	-0.106	-0.099	0.166	0.056	0.000
132	5	0.402	-2.61	-0.00	-0.039	-0.103	-0.097	0.144	0.050	0.000
132	6	0.402	-1.70	-0.00	-0.039	-0.102	-0.097	0.144	0.050	0.000
132	7	0.405	-0.66	-0.00	-0.040	-0.101	-0.094	0.144	0.050	0.000
132	8	0.404	0.27	-0.00	-0.040	-0.104	-0.092	0.144	0.050	0.000
132	9	0.404	0.20	-0.00	-0.035	-0.100	-0.091	0.144	0.050	0.000
132	10	0.404	3.35	-0.00	-0.035	-0.094	-0.085	0.144	0.050	0.000
132	11	0.404	-0.00	-0.00	-0.035	-0.091	-0.085	0.144	0.050	0.000
132	12	0.404	-0.00	-0.00	-0.035	-0.091	-0.085	0.144	0.050	0.000
133	1	0.401	-4.70	-0.00	-0.080	-0.352	-0.359	0.796	0.359	0.000
133	2	0.404	-2.75	-0.00	-0.080	-0.352	-0.359	0.796	0.359	0.000
133	3	0.404	-1.75	-0.00	-0.065	-0.350	-0.359	0.796	0.359	0.000
133	4	0.403	-1.73	-0.00	-0.065	-0.350	-0.359	0.796	0.359	0.000
133	5	0.404	-0.27	-0.00	-0.065	-0.350	-0.359	0.796	0.359	0.000
133	6	0.403	0.14	-0.00	-0.067	-0.356	-0.354	0.796	0.359	0.000
133	7	0.404	1.37	-0.00	-0.067	-0.356	-0.354	0.796	0.359	0.000
133	8	0.404	3.32	-0.00	-0.067	-0.356	-0.354	0.796	0.359	0.000
134	1	0.404	-4.68	-0.00	-0.439	-0.503	-0.321	1.486	0.196	0.000
134	2	0.402	-2.62	-0.00	-0.439	-0.503	-0.321	1.486	0.196	0.000
134	3	0.402	-1.72	-0.00	-0.439	-0.503	-0.321	1.486	0.196	0.000
134	4	0.403	-0.59	-0.00	-0.428	-0.513	-0.319	1.486	0.196	0.000
134	5	0.403	0.22	-0.00	-0.428	-0.513	-0.319	1.486	0.196	0.000
134	6	0.405	1.17	-0.00	-0.428	-0.513	-0.319	1.486	0.196	0.000
134	7	0.403	3.32	-0.00	-0.428	-0.513	-0.319	1.486	0.196	0.000
136	4	1.255	-4.16	-0.00	-0.587	-0.383	-0.510	1.150	0.372	0.000
136	5	1.255	-2.07	-0.00	-0.587	-0.383	-0.510	1.150	0.372	0.000
136	6	1.255	-1.25	-0.00	-0.587	-0.383	-0.510	1.150	0.372	0.000
136	7	1.255	-0.23	-0.00	-0.587	-0.383	-0.510	1.150	0.372	0.000
136	8	1.255	0.66	-0.00	-0.587	-0.383	-0.510	1.150	0.372	0.000
136	9	1.255	3.84	-0.00	-0.587	-0.383	-0.510	1.150	0.372	0.000
137	1	1.255	-4.19	-0.00	-0.517	-0.346	-0.319	0.863	0.224	0.000
137	2	1.255	-2.15	-0.00	-0.517	-0.346	-0.319	0.863	0.224	0.000

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_C	α	ϕ_A	C_{Pc}	C_{Pb1}	C_{Pb2}	ΔC_A	ΔC_{Ab}	C_{Au}
137	3	1.253	-0.09	-0.00	0.535	0.357	0.366	0.2292	0.3634	0.00
137	4	1.253	-0.06	-0.00	0.525	0.373	0.402	0.1690	0.2403	0.00
137	5	1.254	-0.22	-0.00	0.507	0.405	0.416	0.1626	0.2630	0.00
137	6	1.254	0.80	-0.00	0.534	0.425	0.383	0.1923	0.2538	0.00
137	7	1.255	1.74	-0.00	0.547	0.410	0.364	0.1971	0.2576	0.00
137	8	1.255	3.78	-0.00	0.499	0.342	0.324	0.1799	0.2132	0.00
138	1	1.253	-0.20	-0.00	0.175	0.200	0.203	0.0631	0.1293	0.00
138	2	1.254	-0.14	-0.00	0.162	0.187	0.193	0.0544	0.1211	0.00
138	3	1.254	-0.22	-0.00	0.161	0.187	0.191	0.0581	0.1199	0.00
138	4	1.255	-0.62	-0.00	0.158	0.165	0.168	0.0577	0.1120	0.00
138	5	1.255	-0.31	-0.00	0.161	0.166	0.169	0.0582	0.1100	0.00
138	6	1.254	0.75	-0.00	0.159	0.167	0.163	0.0573	0.1207	0.00
138	7	1.255	1.81	-0.00	0.161	0.167	0.163	0.0580	0.1273	0.00
138	8	1.253	3.77	-0.00	0.168	0.196	0.201	0.0608	0.1212	0.00
138	9	1.253	-0.27	-0.00	0.159	0.188	0.190	0.0574	0.1212	0.00
139	1	1.205	-0.15	-0.00	0.172	0.202	0.203	0.0620	0.3053	0.00
139	2	1.204	-0.18	-0.00	0.160	0.189	0.195	0.0567	0.2539	0.00
139	3	1.205	-0.16	-0.00	0.159	0.187	0.191	0.0567	0.2106	0.00
139	4	1.204	-0.25	-0.00	0.157	0.186	0.190	0.0565	0.1995	0.00
139	5	1.204	-0.26	-0.00	0.157	0.187	0.190	0.0565	0.2006	0.00
139	6	1.204	0.71	-0.00	0.159	0.190	0.192	0.0574	0.2294	0.00
139	7	1.204	1.86	-0.00	0.159	0.190	0.192	0.0573	0.2294	0.00
139	8	1.204	3.81	-0.00	0.164	0.200	0.203	0.0593	0.2750	0.00
139	9	1.206	-0.25	-0.00	0.158	0.187	0.189	0.0569	0.1200	0.00
140	1	1.202	-0.17	-0.00	0.710	0.378	0.353	0.5594	0.3693	0.00
140	2	1.205	-0.33	-0.00	0.640	0.437	0.435	0.5604	0.3705	0.00
140	3	1.204	-0.27	-0.00	0.602	0.460	0.455	0.5594	0.3532	0.00
140	4	1.204	-0.27	-0.00	0.585	0.473	0.455	0.5594	0.3532	0.00
140	5	1.204	0.27	-0.00	0.585	0.451	0.426	0.5594	0.3532	0.00
140	6	1.204	1.51	-0.00	0.585	0.502	0.480	0.5594	0.3532	0.00
140	7	1.205	3.74	-0.00	0.636	0.559	0.540	0.5594	0.3532	0.00
141	1	1.204	-0.23	-0.00	0.645	0.406	0.353	0.5594	0.3532	0.00
141	2	1.205	-0.23	-0.00	0.619	0.424	0.455	0.5594	0.3532	0.00

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{P_c}	$C_{P_{b1}}$	$C_{P_{b2}}$	ΔC_{A_c}	ΔC_{A_b}	C_{A_u}
141	4	1.203	-1.16	-0.00	0.610	0.436	0.485	0.21903	0.29510	0.34305
141	5	1.203	-0.178	-0.00	0.599	0.446	0.490	0.21570	0.29363	0.34305
141	6	1.203	-0.205	-0.00	0.564	0.472	0.490	0.20329	0.29223	0.34305
141	7	1.204	0.256	-0.00	0.549	0.490	0.490	0.20786	0.31336	0.34305
141	8	1.204	1.81	-0.00	0.570	0.493	0.467	0.20524	0.31075	0.34305
141	9	1.205	3.78	-0.00	0.588	0.462	0.435	0.21174	0.28730	0.34305
141	10	1.205		-0.00	0.600	0.370	0.366	0.21167	0.28612	0.34305
142	1	1.203	17	-0.00	0.559	0.510	0.353	0.20493	0.20808	0.20403
142	2	1.204	-2.128	-0.00	0.569	0.544	0.354	0.20400	0.21936	0.20403
142	3	1.204	-1.287	-0.00	0.577	0.570	0.365	0.20000	0.22193	0.20403
142	4	1.204	-0.20	-0.00	0.541	0.566	0.370	0.19472	0.22447	0.20403
142	5	1.204	0.20	-0.00	0.520	0.542	0.399	0.18310	0.22576	0.20403
142	6	1.204	0.77	-0.00	0.536	0.528	0.408	0.19310	0.22763	0.20403
142	7	1.205	1.80	-0.00	0.554	0.493	0.382	0.19326	0.23489	0.20403
142	8	1.205	3.72	-0.00	0.505	0.369	0.353	0.18208	0.23124	0.20403
143	1	1.203	14	-0.00	0.425	0.566	0.281	0.15608	0.17214	0.17507
143	2	1.203	-2.178	-0.00	0.435	0.564	0.282	0.15658	0.20133	0.17507
143	3	1.203	-1.176	-0.00	0.433	0.541	0.283	0.15658	0.21482	0.17507
143	4	1.203	-0.248	-0.00	0.439	0.543	0.283	0.15644	0.22247	0.17507
143	5	1.204	0.268	-0.00	0.424	0.563	0.283	0.15637	0.22247	0.17507
143	6	1.204	0.765	-0.00	0.432	0.543	0.283	0.15637	0.22247	0.17507
143	7	1.204	1.8	-0.00	0.432	0.543	0.283	0.15637	0.22247	0.17507
143	8	1.204	3.8	-0.00	0.432	0.543	0.283	0.15637	0.22247	0.17507
144	1	0.902	3.3	-0.00	0.105	0.137	0.135	0.3811	0.08660	0.28939
144	2	0.902	-2.42	-0.00	0.105	0.128	0.135	0.3786	0.08571	0.28939
144	3	0.902	-1.420	-0.00	0.104	0.128	0.135	0.3755	0.08435	0.28939
144	4	0.903	0.905	-0.00	0.103	0.128	0.135	0.3701	0.08346	0.28939
144	5	0.901	0.065	-0.00	0.106	0.132	0.135	0.3781	0.08523	0.28939
144	6	0.901	1.557	-0.00	0.104	0.132	0.135	0.3773	0.08504	0.28939
144	7	0.901	3.57	-0.00	0.103	0.132	0.135	0.3742	0.08569	0.28939
144	8	0.901	-0.48	-0.00	0.101	0.128	0.135	0.3665	0.08389	0.28939
144	9	0.901		-0.00	0.101	0.128	0.135	0.3665	0.08389	0.28939
145	1	0.902	3.3	-0.00	0.550	0.359	0.389	0.19809	0.23959	0.34401
145	2	0.902	-2.33	-0.00	0.547	0.409	0.427	0.19722	0.26792	0.34401
145	3	0.901	-1.494	-0.00	0.536	0.435	0.441	0.19301	0.26041	0.34401
145	4	0.901	-0.94	-0.00	0.531	0.450	0.445	0.19119	0.26064	0.34401

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{Pc}	C_{Pb1}	C_{Pb2}	ΔC_{Ac}	ΔC_{Ab}	C_{Au}
145	5	0.902	-0.43	-0.00	0.525	0.459	0.454	0.904	0.293	0.366
145	6	0.902	0.05	-0.00	0.520	0.456	0.454	1.874	0.293	0.366
145	7	0.902	0.58	-0.00	0.517	0.456	0.454	1.863	0.293	0.366
145	8	0.902	1.66	-0.00	0.523	0.443	0.438	1.883	0.293	0.366
145	9	0.902	3.58	-0.00	0.535	0.413	0.404	1.928	0.293	0.366
146	1	0.901	-4.34	-0.00	0.670	0.381	0.401	2.412	0.250	0.313
146	2	0.902	-2.36	-0.00	0.653	0.427	0.468	2.365	0.250	0.313
146	3	0.903	-1.43	-0.00	0.622	0.484	0.507	2.240	0.250	0.313
146	4	0.902	-0.88	-0.00	0.622	0.484	0.507	2.240	0.250	0.313
146	5	0.903	-0.40	-0.00	0.598	0.536	0.529	2.117	0.250	0.313
146	6	0.903	-0.51	-0.00	0.585	0.530	0.530	2.117	0.250	0.313
146	7	0.902	1.51	-0.00	0.606	0.512	0.483	2.167	0.250	0.313
146	8	0.903	3.53	-0.00	0.602	0.466	0.443	2.167	0.250	0.313
147	1	0.902	-4.35	-0.00	0.739	0.436	0.427	2.662	0.275	0.341
147	2	0.903	-2.45	-0.00	0.719	0.466	0.533	2.591	0.275	0.341
147	3	0.904	-1.47	-0.00	0.688	0.514	0.537	2.464	0.275	0.341
147	4	0.900	-0.92	-0.00	0.656	0.512	0.540	2.357	0.275	0.341
147	5	0.903	0.45	-0.00	0.650	0.582	0.570	2.357	0.275	0.341
147	6	0.904	1.61	-0.00	0.696	0.591	0.575	2.357	0.275	0.341
147	7	0.903	3.49	-0.00	0.689	0.535	0.479	2.480	0.275	0.341
147	8	0.902	-4.35	-0.00	0.739	0.436	0.427	2.662	0.275	0.341
147	9	0.903	-2.45	-0.00	0.719	0.466	0.533	2.591	0.275	0.341
148	1	0.702	-4.56	0.00	0.907	0.269	0.110	3.279	0.480	0.677
148	2	0.701	-2.55	0.00	0.889	0.269	0.112	3.279	0.480	0.677
148	3	0.701	-1.57	0.00	0.885	0.269	0.113	3.279	0.480	0.677
148	4	0.701	-0.67	0.00	0.897	0.270	0.116	3.279	0.480	0.677
148	5	0.702	-1.56	0.00	0.887	0.271	0.117	3.279	0.480	0.677
148	6	0.701	-0.57	0.00	0.887	0.271	0.116	3.279	0.480	0.677
148	7	0.701	1.48	0.00	0.887	0.269	0.115	3.279	0.480	0.677
148	8	0.701	3.52	0.00	0.887	0.268	0.116	3.279	0.480	0.677
148	9	0.701	-0.57	0.00	0.890	0.270	0.116	3.279	0.480	0.677
149	1	0.701	-4.54	0.00	0.448	0.678	0.326	1.615	0.332	0.488
149	2	0.702	-2.48	0.00	0.434	0.697	0.344	1.564	0.332	0.488
149	3	0.702	-1.54	0.00	0.433	0.713	0.351	1.564	0.332	0.488

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{Pc}	C_{Pb1}	C_{Pb2}	ΔC_{Ac}	ΔC_{Ab}	C_{Au}
149	4	0.701	-1.07	0.00	0.433	0.711	0.353	0.156	0.338	0.311
149	5	0.702	-0.55	0.00	0.432	0.720	0.355	0.155	0.341	0.314
149	6	0.701	-0.19	0.00	0.425	0.720	0.355	0.153	0.342	0.314
149	7	0.701	1.46	0.00	0.428	0.723	0.359	0.154	0.346	0.317
149	8	0.701	3.40	0.00	0.432	0.718	0.340	0.155	0.387	0.343
150	1	0.702	-4.53	0.00	0.553	0.715	0.373	0.199	0.483	0.332
150	2	0.702	-2.53	0.00	0.543	0.756	0.413	0.195	0.409	0.337
150	3	0.703	-1.51	0.00	0.526	0.785	0.437	0.189	0.394	0.337
150	4	0.702	-1.15	0.00	0.511	0.804	0.443	0.183	0.385	0.335
150	5	0.702	-0.08	0.00	0.500	0.805	0.443	0.180	0.367	0.335
150	6	0.702	0.37	0.00	0.504	0.805	0.435	0.180	0.397	0.335
150	7	0.702	1.39	0.00	0.504	0.799	0.433	0.181	0.394	0.335
150	8	0.703	3.41	0.00	0.526	0.774	0.389	0.189	0.372	0.326
151	1	0.701	-4.53	0.00	0.670	0.741	0.388	0.233	0.615	0.418
151	2	0.701	-2.53	0.00	0.663	0.773	0.465	0.230	0.474	0.429
151	3	0.702	-1.15	0.00	0.634	0.790	0.480	0.232	0.407	0.447
151	4	0.702	-0.08	0.00	0.610	0.830	0.531	0.229	0.355	0.445
151	5	0.702	0.37	0.00	0.586	0.859	0.547	0.221	0.353	0.445
151	6	0.703	1.39	0.00	0.592	0.873	0.527	0.225	0.361	0.445
151	7	0.704	3.41	0.00	0.627	0.842	0.451	0.225	0.412	0.453
152	1	0.402	-4.67	0.00	0.069	0.850	0.099	0.021	0.365	0.268
152	2	0.402	-2.71	0.00	0.059	0.871	0.094	0.021	0.244	0.277
152	3	0.402	-1.23	0.00	0.052	0.853	0.090	0.022	0.244	0.279
152	4	0.402	-0.27	0.00	0.057	0.846	0.095	0.022	0.244	0.280
152	5	0.402	0.28	0.00	0.058	0.852	0.101	0.022	0.244	0.280
152	6	0.403	1.26	0.00	0.058	0.848	0.097	0.022	0.244	0.280
152	7	0.403	3.27	0.00	0.051	0.859	0.087	0.020	0.244	0.280
152	8	0.403	-0.00	0.00	0.051	0.851	0.087	0.020	0.244	0.280
153	1	0.402	-4.67	0.00	0.385	0.284	0.282	0.139	0.206	0.199
153	2	0.401	-2.47	0.00	0.386	0.287	0.275	0.139	0.179	0.186
153	3	0.403	-1.20	0.00	0.381	0.281	0.277	0.137	0.160	0.180
153	4	0.402	-0.00	0.00	0.392	0.295	0.282	0.141	0.164	0.176

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run Pt	M_c	α	ϕ_A	C_{P_c}	$C_{P_{b1}}$	$C_{P_{b2}}$	ΔC_{A_c}	ΔC_{A_b}	C_{A_u}
153	9	0.403	0.00	0.362	0.283	0.270	0.13782	0.17731	0.17916
153	10	0.403	0.00	0.364	0.286	0.276	0.13722	0.17414	0.17500
153	11	0.404	0.00	0.371	0.276	0.264	0.13373	0.17311	0.17789
154	6	1.001	0.00	0.458	0.325	0.325	0.16507	0.20680	0.23936
154	7	1.001	0.00	0.451	0.350	0.347	0.16257	0.23344	0.23930
154	8	1.001	0.00	0.446	0.356	0.361	0.16061	0.23320	0.23930
154	9	1.004	0.00	0.442	0.371	0.364	0.15912	0.23350	0.23930
154	10	1.001	0.00	0.438	0.364	0.356	0.15777	0.23218	0.23930
154	11	1.003	0.00	0.434	0.357	0.350	0.15630	0.23267	0.23930
154	12	1.002	0.00	0.433	0.356	0.351	0.15591	0.23298	0.23930
154	13	1.002	0.00	0.434	0.356	0.352	0.15590	0.23211	0.23930
154	14	1.002	0.00	0.441	0.356	0.352	0.15906	0.23195	0.23930
155	2	1.001	0.00	0.159	0.192	0.199	0.05882	0.12724	0.40977
155	3	1.004	0.00	0.159	0.190	0.195	0.05733	0.12406	0.40977
155	4	1.002	0.00	0.159	0.190	0.195	0.05766	0.12339	0.40984
155	5	1.000	0.00	0.159	0.185	0.193	0.05751	0.12415	0.41680
155	6	1.000	0.00	0.156	0.191	0.195	0.05717	0.12403	0.41327
155	7	1.000	0.00	0.158	0.192	0.195	0.05725	0.12435	0.41370
155	8	1.001	0.00	0.155	0.199	0.198	0.05995	0.12472	0.40993
155	9	1.003	0.00	0.165	0.198	0.203	0.05995	0.12472	0.40993
155	10	1.003	0.00	0.159	0.192	0.197	0.05751	0.12478	0.41622
156	1	1.000	0.00	0.597	0.376	0.391	0.15289	0.27826	0.50399
156	2	1.000	0.00	0.583	0.425	0.443	0.15002	0.27826	0.50399
156	3	1.002	0.00	0.553	0.456	0.468	0.13027	0.27826	0.50399
156	4	1.000	0.00	0.546	0.467	0.473	0.12968	0.27826	0.50399
156	5	1.004	0.00	0.542	0.477	0.476	0.12953	0.27826	0.50399
156	6	1.002	0.00	0.543	0.476	0.479	0.12953	0.27826	0.50399
156	7	1.001	0.00	0.556	0.468	0.474	0.12953	0.27826	0.50399
156	8	1.001	0.00	0.578	0.428	0.439	0.12953	0.27826	0.50399
156	9	1.001	0.00	0.578	0.428	0.439	0.12953	0.27826	0.50399
157	1	1.001	0.00	0.708	0.362	0.403	0.25506	0.45770	0.42155
157	2	1.002	0.00	0.682	0.438	0.493	0.25506	0.45770	0.42155
157	3	1.001	0.00	0.662	0.455	0.517	0.25506	0.45770	0.42155
157	4	1.001	0.00	0.642	0.559	0.556	0.25506	0.45770	0.42155
157	5	1.000	0.00	0.646	0.571	0.561	0.25506	0.45770	0.42155
157	6	1.000	0.00	0.646	0.571	0.561	0.25506	0.45770	0.42155

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{p_c}	$C_{p_{b1}}$	$C_{p_{b2}}$	ΔC_{A_c}	ΔC_{A_b}	C_{A_u}
157	8	1.003	1.72	-0.00	0.677	0.543	0.507	0.24401	0.33634	-0.46444
157	9	1.001	3.71	-0.00	0.670	0.492	0.490	0.24126	0.31471	-0.45575
158	1	0.999	4.15	-0.00	0.747	0.418	0.433	0.26906	0.27247	-0.46990
158	2	1.002	-2.30	-0.00	0.735	0.472	0.526	0.26469	0.31985	-0.49385
158	3	1.000	-1.27	-0.00	0.719	0.505	0.556	0.25909	0.33676	-0.50177
158	4	1.000	-0.77	-0.00	0.705	0.526	0.584	0.25396	0.34793	-0.50859
158	5	1.001	-0.29	-0.00	0.672	0.580	0.589	0.24219	0.37798	-0.49853
158	6	1.002	0.15	-0.00	0.661	0.591	0.577	0.24036	0.37495	-0.50253
158	7	1.004	0.61	-0.00	0.681	0.593	0.516	0.24537	0.37474	-0.50657
158	8	1.004	1.65	-0.00	0.714	0.560	0.514	0.25366	0.32660	-0.46871
158	9	1.004	3.71	-0.00	0.704	0.505	0.514	0.25366	0.32660	-0.46871
159	4	0.402	-0.64	0.00	0.637	0.529	0.586	0.22958	0.37624	-0.45595
159	5	0.401	-4.66	0.00	0.680	0.477	0.458	0.24391	0.39940	-0.43022
159	6	0.399	-2.66	0.00	0.677	0.477	0.458	0.24391	0.39940	-0.43022
159	7	0.403	-1.72	0.00	0.646	0.541	0.555	0.23284	0.34020	-0.44626
159	8	0.401	-1.21	0.00	0.634	0.560	0.564	0.23128	0.34020	-0.44626
159	9	0.402	-0.67	0.00	0.642	0.567	0.575	0.23128	0.34020	-0.44626
159	10	0.403	0.25	0.00	0.630	0.587	0.559	0.22929	0.33691	-0.44909
159	11	0.404	0.28	0.00	0.636	0.578	0.559	0.22929	0.33691	-0.44909
159	12	0.402	1.23	0.00	0.658	0.540	0.519	0.23463	0.33333	-0.44364
159	13	0.404	3.31	0.00	0.684	0.491	0.451	0.24234	0.33333	-0.44364
160	5	0.698	-2.56	0.00	0.729	0.477	0.505	0.26088	0.16055	-0.49650
160	6	0.702	-1.54	0.00	0.683	0.519	0.535	0.25027	0.17555	-0.49460
160	7	0.706	-1.02	0.00	0.663	0.556	0.554	0.24771	0.23555	-0.49303
160	8	0.700	-0.57	0.00	0.646	0.608	0.580	0.23819	0.28761	-0.49944
160	9	0.701	-0.11	0.00	0.657	0.603	0.606	0.23661	0.28072	-0.49775
160	10	0.702	0.29	0.00	0.705	0.547	0.485	0.25410	0.33078	-0.49196
162	4	0.700	-2.60	0.00	0.720	0.486	0.515	0.25282	0.30666	-0.49636
162	5	0.701	-1.60	0.00	0.672	0.514	0.537	0.24025	0.33666	-0.49195
162	6	0.703	-1.10	0.00	0.653	0.565	0.555	0.24203	0.36215	-0.49160
162	7	0.701	-0.60	0.00	0.657	0.599	0.580	0.23538	0.38007	-0.49340
162	8	0.703	-0.09	0.00	0.665	0.607	0.584	0.23538	0.38007	-0.49340
162	9	0.699	0.40	0.00	0.693	0.551	0.486	0.24968	0.33333	-0.48912
163	1	0.701	1.40	0.00	0.693	0.551	0.486	0.24968	0.33333	-0.48912
163	2	0.701	-4.49	0.00	0.691	0.478	0.371	0.24906	0.23993	-0.48947
163	3	0.699	-2.59	0.00	0.652	0.406	0.456	0.23503	0.27611	-0.45987
163	4	0.699	-1.64	0.00	0.657	0.425	0.481	0.23565	0.29035	-0.44708

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{p_c}	$C_{p_{b1}}$	$C_{p_{b2}}$	ΔC_{A_c}	ΔC_{A_b}	C_{A_u}
163	4	0.698	-1.15	-0.00	0.633	0.457	0.482	0.227	0.306	0.490
163	5	0.700	-0.10	-0.00	0.619	0.519	0.534	0.220	0.341	0.490
163	6	0.705	0.30	-0.00	0.597	0.531	0.535	0.214	0.343	0.490
163	8	0.700	1.36	-0.00	0.634	0.495	0.431	0.228	0.308	0.490
164	1	0.703	-4.45	-0.00	0.552	0.325	0.331	0.198	0.286	0.426
164	2	0.703	-2.57	-0.00	0.543	0.356	0.404	0.195	0.213	0.410
164	3	0.701	-1.99	-0.00	0.519	0.358	0.429	0.197	0.267	0.439
164	4	0.701	-0.51	-0.00	0.501	0.422	0.431	0.183	0.276	0.439
164	5	0.702	0.01	-0.00	0.497	0.436	0.428	0.180	0.271	0.439
164	6	0.702	0.37	-0.00	0.508	0.434	0.434	0.179	0.271	0.439
164	7	0.701	1.33	-0.00	0.534	0.430	0.437	0.192	0.238	0.409
165	1	0.701	-4.45	-0.00	0.459	0.309	0.318	0.165	0.197	0.371
165	2	0.702	-2.59	-0.00	0.446	0.353	0.405	0.160	0.240	0.371
165	3	0.701	-1.00	-0.00	0.433	0.355	0.437	0.158	0.246	0.371
165	4	0.700	-0.53	-0.00	0.428	0.355	0.437	0.154	0.247	0.371
165	5	0.701	0.38	-0.00	0.422	0.356	0.439	0.153	0.247	0.371
165	6	0.701	1.33	-0.00	0.422	0.353	0.439	0.153	0.247	0.371
166	1	0.700	-4.52	-0.00	0.101	0.130	0.133	0.036	0.041	0.236
166	2	0.699	-2.59	-0.00	0.095	0.120	0.123	0.034	0.040	0.236
166	3	0.701	-1.13	-0.00	0.094	0.121	0.126	0.034	0.040	0.236
166	4	0.700	0.45	-0.00	0.096	0.123	0.123	0.034	0.040	0.236
166	5	0.701	0.46	-0.00	0.096	0.123	0.123	0.034	0.040	0.236
166	6	0.700	1.52	-0.00	0.101	0.123	0.126	0.034	0.040	0.236
166	7	0.698	-0.56	-0.00	0.109	0.123	0.126	0.034	0.040	0.236
167	1	0.901	-4.32	-0.00	0.739	0.438	0.417	0.266	0.317	0.556
167	2	0.902	-2.42	-0.00	0.690	0.469	0.517	0.250	0.315	0.556
167	3	0.900	-1.49	-0.00	0.690	0.469	0.517	0.250	0.315	0.556
167	4	0.901	-0.45	-0.00	0.647	0.515	0.576	0.243	0.310	0.516

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{P_c}	$C_{P_{b1}}$	$C_{P_{b2}}$	ΔC_{A_c}	ΔC_{A_b}	C_{A_u}
167	9	0.901	0.09	-0.00	0.648	0.569	0.576	0.234	0.366	0.336
167	10	0.900	0.49	-0.00	0.643	0.578	0.563	0.331	0.353	0.344
167	11	0.900	1.52	-0.00	0.681	0.547	0.475	0.246	0.300	0.309
167	12	0.901	3.52	-0.00	0.691	0.487	0.475	0.246	0.222	0.463
168	1	0.902	4.28	-0.00	0.621	0.335	0.374	0.239	0.270	0.161
168	2	0.901	-2.41	-0.00	0.632	0.398	0.477	0.227	0.253	0.120
168	3	0.901	-1.91	-0.00	0.623	0.451	0.460	0.220	0.265	0.120
168	4	0.900	-0.42	-0.00	0.613	0.477	0.460	0.220	0.265	0.120
168	5	0.901	0.15	-0.00	0.616	0.497	0.460	0.220	0.265	0.120
168	6	0.901	0.19	-0.00	0.598	0.522	0.460	0.220	0.265	0.120
168	7	0.901	1.40	-0.00	0.576	0.544	0.460	0.220	0.265	0.120
168	8	0.900	1.65	-0.00	0.607	0.494	0.470	0.220	0.265	0.120
168	9	0.900	3.65	-0.00	0.607	0.494	0.470	0.220	0.265	0.120
169	1	0.900	4.46	-0.00	0.551	0.318	0.339	0.203	0.046	0.356
169	2	0.901	-2.36	-0.00	0.545	0.384	0.345	0.190	0.224	0.356
169	3	0.902	-1.94	-0.00	0.522	0.434	0.358	0.185	0.224	0.356
169	4	0.902	0.43	-0.00	0.513	0.459	0.358	0.185	0.224	0.356
169	5	0.901	0.58	-0.00	0.516	0.459	0.358	0.185	0.224	0.356
169	6	0.901	1.53	-0.00	0.516	0.459	0.358	0.185	0.224	0.356
169	7	0.901	3.53	-0.00	0.516	0.459	0.358	0.185	0.224	0.356
169	8	0.901	3.53	-0.00	0.516	0.459	0.358	0.185	0.224	0.356
170	1	0.902	4.39	-0.00	0.710	0.487	0.469	0.299	0.081	0.553
170	2	0.901	-2.22	-0.00	0.710	0.487	0.469	0.299	0.081	0.553
170	3	0.900	-1.97	-0.00	0.710	0.487	0.469	0.299	0.081	0.553
170	4	0.901	0.47	-0.00	0.710	0.487	0.469	0.299	0.081	0.553
170	5	0.901	0.12	-0.00	0.710	0.487	0.469	0.299	0.081	0.553
170	6	0.902	0.48	-0.00	0.710	0.487	0.469	0.299	0.081	0.553
170	7	0.902	1.50	-0.00	0.710	0.487	0.469	0.299	0.081	0.553
170	8	0.902	3.50	-0.00	0.710	0.487	0.469	0.299	0.081	0.553
170	9	0.902	3.50	-0.00	0.710	0.487	0.469	0.299	0.081	0.553
171	1	1.001	4.23	-0.00	0.757	0.509	0.499	0.277	0.234	0.607
171	2	1.001	-2.30	-0.00	0.757	0.509	0.499	0.277	0.234	0.607
171	3	1.001	-1.30	-0.00	0.757	0.509	0.499	0.277	0.234	0.607
171	4	1.002	0.30	-0.00	0.757	0.509	0.499	0.277	0.234	0.607
171	5	1.002	0.19	-0.00	0.757	0.509	0.499	0.277	0.234	0.607
171	6	1.000	0.16	-0.00	0.757	0.509	0.499	0.277	0.234	0.607
171	7	1.000	0.16	-0.00	0.757	0.509	0.499	0.277	0.234	0.607
171	8	1.000	0.16	-0.00	0.757	0.509	0.499	0.277	0.234	0.607

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{P_c}	$C_{P_{b1}}$	$C_{P_{b2}}$	ΔC_{A_c}	ΔC_{A_b}	C_{A_u}
171	9	1.001	1.65	-0.00	0.705	0.559	0.516	0.25392	0.31906	0.42129
171	10	1.004	3.73	-0.00	0.709	0.426	0.500	0.25342	0.31906	0.42601
172	1	1.000	3.3	-0.00	0.684	0.356	0.395	0.24624	0.29447	0.41249
172	2	1.001	2.31	-0.00	0.675	0.463	0.394	0.24432	0.29447	0.41249
172	3	1.000	1.80	-0.00	0.650	0.519	0.395	0.24432	0.29447	0.41249
172	4	1.000	0.31	-0.00	0.632	0.555	0.395	0.24432	0.29447	0.41249
172	5	1.001	0.16	-0.00	0.620	0.564	0.395	0.24432	0.29447	0.41249
172	6	1.000	0.66	-0.00	0.631	0.555	0.395	0.24432	0.29447	0.41249
172	7	1.001	1.62	-0.00	0.668	0.555	0.395	0.24432	0.29447	0.41249
172	8	1.002	3.63	-0.00	0.668	0.401	0.471	0.24432	0.29447	0.41249
173	1	1.002	3.3	-0.00	0.452	0.299	0.395	0.16000	0.21000	0.24000
173	2	1.003	2.3	-0.00	0.436	0.335	0.395	0.16000	0.21000	0.24000
173	3	1.002	1.8	-0.00	0.433	0.352	0.395	0.16000	0.21000	0.24000
173	4	1.002	0.3	-0.00	0.432	0.369	0.395	0.16000	0.21000	0.24000
173	5	1.002	0.1	-0.00	0.433	0.369	0.395	0.16000	0.21000	0.24000
173	6	1.004	1.72	-0.00	0.437	0.361	0.395	0.16000	0.21000	0.24000
173	7	1.004	3.1	-0.00	0.437	0.361	0.395	0.16000	0.21000	0.24000
173	8	1.004	1.72	-0.00	0.437	0.361	0.395	0.16000	0.21000	0.24000
174	1	1.001	4.0	-0.00	0.172	0.211	0.198	0.06816	0.12511	0.16570
174	2	1.003	2.31	-0.00	0.161	0.196	0.198	0.06816	0.12511	0.16570
174	3	1.003	1.80	-0.00	0.167	0.196	0.198	0.06816	0.12511	0.16570
174	4	1.002	0.30	-0.00	0.159	0.192	0.198	0.06816	0.12511	0.16570
174	5	1.002	0.15	-0.00	0.159	0.191	0.198	0.06816	0.12511	0.16570
174	6	1.003	1.66	-0.00	0.159	0.196	0.198	0.06816	0.12511	0.16570
174	7	1.002	3.34	-0.00	0.155	0.202	0.198	0.06816	0.12511	0.16570
174	8	1.002	0.3	-0.00	0.155	0.202	0.198	0.06816	0.12511	0.16570
174	9	1.002	1.62	-0.00	0.155	0.202	0.198	0.06816	0.12511	0.16570
175	1	1.002	3.6	-0.00	0.598	0.324	0.367	0.21577	0.27032	0.33579
175	2	1.001	2.3	-0.00	0.583	0.402	0.367	0.21577	0.27032	0.33579
175	3	1.000	1.8	-0.00	0.578	0.448	0.367	0.21577	0.27032	0.33579
175	4	1.000	0.3	-0.00	0.545	0.473	0.367	0.21577	0.27032	0.33579
175	5	1.003	1.62	-0.00	0.545	0.473	0.367	0.21577	0.27032	0.33579
175	6	1.004	3.6	-0.00	0.545	0.473	0.367	0.21577	0.27032	0.33579
175	7	1.004	1.62	-0.00	0.545	0.473	0.367	0.21577	0.27032	0.33579
175	8	1.004	3.6	-0.00	0.545	0.473	0.367	0.21577	0.27032	0.33579
175	9	1.004	1.62	-0.00	0.545	0.473	0.367	0.21577	0.27032	0.33579
175	10	1.004	3.6	-0.00	0.545	0.473	0.367	0.21577	0.27032	0.33579

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run Pt	M _c	α	ϕ_A	C _{p_c}	C _{p_{b1}}	C _{p_{b2}}	ΔC_{A_c}	ΔC_{A_b}	C _{A_u}
176	1.207	12	0.00	0.686	0.377	0.391	0.477	0.499	0.44
176	1.209	-4.21	-0.00	0.655	0.428	0.438	0.397	0.463	0.54
176	1.203	-1.19	-0.00	0.631	0.460	0.450	0.374	0.433	0.54
176	1.203	-0.21	-0.00	0.616	0.483	0.470	0.352	0.417	0.54
176	1.204	0.24	-0.00	0.590	0.506	0.493	0.327	0.393	0.53
176	1.205	0.84	0.00	0.587	0.513	0.493	0.315	0.380	0.53
176	1.204	1.81	0.00	0.597	0.449	0.432	0.284	0.350	0.53
176	1.204	3.88	0.00	0.666	0.376	0.332	0.240	0.269	0.33
177	1.202	16	0.00	0.646	0.402	0.350	0.289	0.316	0.41
177	1.201	-4.15	-0.00	0.599	0.419	0.350	0.265	0.293	0.40
177	1.203	-1.17	-0.00	0.595	0.436	0.377	0.244	0.272	0.40
177	1.203	-0.29	-0.00	0.581	0.463	0.400	0.212	0.240	0.39
177	1.205	0.23	-0.00	0.550	0.485	0.400	0.190	0.218	0.39
177	1.204	1.73	0.00	0.567	0.466	0.416	0.164	0.193	0.38
177	1.203	3.74	-0.00	0.606	0.375	0.344	0.221	0.250	0.34
178	1.205	12	0.00	0.610	0.384	0.361	0.296	0.326	0.42
178	1.204	-4.22	-0.00	0.579	0.430	0.397	0.266	0.296	0.42
178	1.203	-1.25	-0.00	0.562	0.450	0.417	0.240	0.270	0.42
178	1.202	-0.23	-0.00	0.530	0.469	0.430	0.209	0.239	0.42
178	1.203	0.20	-0.00	0.516	0.493	0.450	0.183	0.213	0.42
178	1.204	1.78	0.00	0.538	0.412	0.361	0.194	0.224	0.40
178	1.204	3.79	-0.00	0.571	0.362	0.319	0.200	0.230	0.37
179	1.204	21	0.00	0.483	0.250	0.254	0.173	0.203	0.28
179	1.204	-4.21	-0.00	0.455	0.283	0.284	0.160	0.190	0.28
179	1.204	-1.15	-0.00	0.437	0.305	0.305	0.143	0.173	0.28
179	1.203	-0.22	-0.00	0.429	0.325	0.325	0.127	0.157	0.28
179	1.204	0.26	-0.00	0.435	0.343	0.343	0.110	0.140	0.28
179	1.204	1.78	-0.00	0.463	0.296	0.256	0.166	0.196	0.25
180	1.203	15	0.00	0.171	0.203	0.203	0.061	0.091	0.09
180	1.204	-4.15	-0.00	0.170	0.204	0.204	0.057	0.087	0.09
180	1.204	-1.22	-0.00	0.158	0.180	0.180	0.051	0.081	0.09

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{Pc}	C_{Pb1}	C_{Pb2}	ΔC_{Ac}	ΔC_{Ab}	C_{Au}
180	4	1.204	1.25	-0.00	-0.153	-0.182	-0.185	0.00	0.00	0.00
180	5	1.203	-1.0.27	-0.00	-0.154	-0.184	-0.186	0.00	0.00	0.00
180	6	1.205	-0.0.21	-0.00	-0.154	-0.184	-0.186	0.00	0.00	0.00
180	7	1.204	0.76	-0.00	-0.155	-0.186	-0.189	0.00	0.00	0.00
180	8	1.204	1.72	-0.00	-0.155	-0.186	-0.190	0.00	0.00	0.00
180	9	1.204	3.80	-0.00	-0.152	-0.185	-0.186	0.00	0.00	0.00
180	10	1.204	-0.0.28	-0.00	-0.154	-0.184	-0.186	0.00	0.00	0.00
180	11	1.204	-0.0.28	-0.00	-0.154	-0.184	-0.186	0.00	0.00	0.00
182	6	0.400	4.68	-0.00	0.037	0.087	0.076	0.00	0.00	0.00
182	7	0.401	-2.72	-0.00	-0.043	-0.081	-0.081	0.00	0.00	0.00
182	8	0.401	-1.19	-0.00	-0.039	-0.080	-0.071	0.00	0.00	0.00
182	9	0.402	-0.53	-0.00	-0.046	-0.082	-0.073	0.00	0.00	0.00
182	10	0.402	-0.23	-0.00	-0.043	-0.074	-0.074	0.00	0.00	0.00
182	11	0.402	1.27	-0.00	-0.034	-0.074	-0.071	0.00	0.00	0.00
182	12	0.401	-3.27	-0.00	-0.045	-0.077	-0.068	0.00	0.00	0.00
182	13	0.401	-0.66	-0.00	-0.045	-0.078	-0.070	0.00	0.00	0.00
182	14	0.399	-0.66	-0.00	-0.045	-0.078	-0.070	0.00	0.00	0.00
183	1	0.400	6.1	-0.00	0.052	0.100	0.099	0.00	0.00	0.00
183	2	0.400	-2.70	-0.00	-0.052	-0.100	-0.099	0.00	0.00	0.00
183	3	0.400	-1.21	-0.00	-0.057	-0.100	-0.099	0.00	0.00	0.00
183	4	0.400	-0.55	-0.00	-0.057	-0.100	-0.099	0.00	0.00	0.00
183	5	0.400	0.27	-0.00	-0.056	-0.100	-0.099	0.00	0.00	0.00
183	6	0.400	1.33	-0.00	-0.056	-0.100	-0.099	0.00	0.00	0.00
183	7	0.400	-4.71	-0.00	0.056	0.100	0.099	0.00	0.00	0.00
183	8	0.400	-2.68	-0.00	0.055	0.100	0.099	0.00	0.00	0.00
183	9	0.400	-1.16	-0.00	0.055	0.100	0.099	0.00	0.00	0.00
184	1	0.402	0.26	-0.00	0.052	0.100	0.099	0.00	0.00	0.00
184	2	0.402	1.33	-0.00	0.052	0.100	0.099	0.00	0.00	0.00
184	3	0.402	-4.71	-0.00	-0.052	-0.100	-0.099	0.00	0.00	0.00
184	4	0.402	-2.68	-0.00	-0.052	-0.100	-0.099	0.00	0.00	0.00
184	5	0.402	-1.16	-0.00	-0.052	-0.100	-0.099	0.00	0.00	0.00
184	6	0.402	0.26	-0.00	0.052	0.100	0.099	0.00	0.00	0.00
184	7	0.402	1.33	-0.00	0.052	0.100	0.099	0.00	0.00	0.00
184	8	0.402	-4.71	-0.00	-0.052	-0.100	-0.099	0.00	0.00	0.00
184	9	0.402	-2.68	-0.00	-0.052	-0.100	-0.099	0.00	0.00	0.00
185	1	0.702	4.53	-0.00	0.092	0.090	0.091	0.00	0.00	0.00
185	2	0.702	-2.56	-0.00	-0.091	-0.092	-0.091	0.00	0.00	0.00
185	3	0.702	-1.61	-0.00	-0.091	-0.092	-0.091	0.00	0.00	0.00

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{Pc}	C_{Pc1}	C_{Pb2}	ΔC_{Ac}	ΔC_{Ab}	C_{Au}
185	4	0.702	-1.05	0.00	-0.090	-0.090	-0.094	0.00	0.00	0.00
185	5	0.701	-0.50	0.00	-0.088	-0.092	-0.094	0.00	0.00	0.00
185	6	0.702	-0.10	0.00	-0.090	-0.093	-0.095	0.00	0.00	0.00
185	7	0.701	0.37	-0.00	-0.088	-0.092	-0.096	0.00	0.00	0.00
185	8	0.701	1.47	-0.00	-0.091	-0.097	-0.103	0.00	0.00	0.00
185	10	0.701	-0.54	0.00	-0.091	-0.093	-0.095	0.00	0.00	0.00
186	1	0.701	4.49	-0.00	0.453	0.323	0.341	0.00	0.00	0.00
186	2	0.701	-2.51	-0.00	0.434	0.361	0.367	0.00	0.00	0.00
186	3	0.701	-1.04	-0.00	0.449	0.371	0.366	0.00	0.00	0.00
186	4	0.701	-0.50	-0.00	0.449	0.371	0.366	0.00	0.00	0.00
186	5	0.700	-0.12	-0.00	0.419	0.369	0.359	0.00	0.00	0.00
186	6	0.701	0.36	-0.00	0.419	0.369	0.359	0.00	0.00	0.00
186	7	0.701	1.44	-0.00	0.419	0.369	0.359	0.00	0.00	0.00
186	8	0.701	3.44	-0.00	0.419	0.369	0.359	0.00	0.00	0.00
186	10	0.701	-3.44	-0.00	0.419	0.369	0.359	0.00	0.00	0.00
187	1	0.701	4.55	-0.00	0.536	0.322	0.322	0.00	0.00	0.00
187	2	0.701	-2.53	-0.00	0.517	0.340	0.340	0.00	0.00	0.00
187	3	0.702	-1.02	-0.00	0.509	0.346	0.345	0.00	0.00	0.00
187	4	0.702	-0.54	-0.00	0.498	0.356	0.357	0.00	0.00	0.00
187	5	0.701	0.11	-0.00	0.481	0.340	0.340	0.00	0.00	0.00
187	6	0.701	1.48	-0.00	0.491	0.341	0.340	0.00	0.00	0.00
187	7	0.702	3.48	-0.00	0.452	0.341	0.340	0.00	0.00	0.00
187	8	0.702	-3.48	-0.00	0.452	0.341	0.340	0.00	0.00	0.00
188	1	0.701	4.58	0.00	0.679	0.147	0.397	0.00	0.00	0.00
188	2	0.701	-2.56	-0.00	0.643	0.127	0.404	0.00	0.00	0.00
188	3	0.701	-1.03	-0.00	0.620	0.151	0.416	0.00	0.00	0.00
188	4	0.702	-0.53	-0.00	0.617	0.155	0.416	0.00	0.00	0.00
188	5	0.701	0.10	-0.00	0.597	0.155	0.416	0.00	0.00	0.00
188	6	0.702	1.46	-0.00	0.583	0.155	0.416	0.00	0.00	0.00
188	7	0.701	3.40	-0.00	0.629	0.155	0.416	0.00	0.00	0.00
188	8	0.701	-3.40	-0.00	0.629	0.155	0.416	0.00	0.00	0.00
189	1	0.901	4.6	0.00	-0.117	0.126	-0.126	0.00	0.00	0.00
189	2	0.902	-2.39	-0.00	-0.111	-0.121	-0.121	0.00	0.00	0.00
189	3	0.902	-1.0	-0.00	-0.109	-0.119	-0.119	0.00	0.00	0.00
189	4	0.902	1.08	-0.00	-0.108	-0.111	-0.111	0.00	0.00	0.00

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M _c	α	ϕ_A	C _{p_c}	C _{p_{b1}}	C _{p_{b2}}	ΔC_{A_c}	ΔC_{A_b}	C _{A_u}
189	5	0.901	-0.42	-0.00	-0.108	-0.113	-0.110	-0.039	-0.074	0.238
189	6	0.901	0.50	-0.00	-0.108	-0.113	-0.110	-0.039	-0.074	0.238
189	8	0.900	1.56	-0.00	-0.108	-0.113	-0.110	-0.039	-0.074	0.238
189	9	0.902	3.52	-0.00	-0.114	-0.122	-0.114	-0.038	-0.073	0.239
189	10	0.902	-0.44	-0.00	-0.107	-0.115	-0.114	-0.038	-0.073	0.239
190	1	0.900	3.4	-0.00	0.557	0.336	0.363	0.200	0.224	0.365
190	2	0.902	-4.47	-0.00	0.529	0.404	0.453	0.190	0.268	0.377
190	3	0.902	-2.42	-0.00	0.519	0.450	0.453	0.186	0.260	0.363
190	4	0.902	-0.99	-0.00	0.511	0.466	0.459	0.186	0.262	0.363
190	5	0.901	0.43	-0.00	0.518	0.476	0.469	0.187	0.270	0.363
190	6	0.902	0.52	-0.00	0.504	0.463	0.450	0.184	0.259	0.363
190	7	0.902	1.52	-0.00	0.521	0.463	0.450	0.184	0.259	0.363
190	8	0.903	3.60	-0.00	0.552	0.414	0.376	0.198	0.253	0.363
191	1	0.901	3.2	-0.00	0.628	0.377	0.392	0.230	0.259	0.466
191	2	0.900	-4.34	-0.00	0.632	0.405	0.453	0.223	0.315	0.466
191	3	0.902	-1.34	-0.00	0.621	0.451	0.453	0.223	0.315	0.466
191	4	0.901	0.89	-0.00	0.607	0.453	0.453	0.223	0.315	0.466
191	5	0.901	0.35	-0.00	0.585	0.453	0.453	0.223	0.315	0.466
191	6	0.901	0.57	-0.00	0.585	0.453	0.453	0.223	0.315	0.466
191	7	0.902	1.3	-0.00	0.612	0.453	0.453	0.223	0.315	0.466
191	8	0.902	3.5	-0.00	0.612	0.453	0.453	0.223	0.315	0.466
192	1	0.902	3.4	-0.00	0.750	0.487	0.433	0.202	0.269	0.522
192	2	0.901	-4.38	-0.00	0.691	0.488	0.433	0.202	0.269	0.522
192	3	0.902	-2.42	-0.00	0.651	0.518	0.433	0.202	0.269	0.522
192	4	0.901	0.99	-0.00	0.651	0.518	0.433	0.202	0.269	0.522
192	5	0.901	0.35	-0.00	0.647	0.518	0.433	0.202	0.269	0.522
192	6	0.900	0.49	-0.00	0.657	0.518	0.433	0.202	0.269	0.522
192	7	0.900	1.55	-0.00	0.688	0.501	0.433	0.202	0.269	0.522
192	8	0.901	3.5	-0.00	0.688	0.501	0.433	0.202	0.269	0.522
193	7	1.000	3.6	-0.00	0.178	0.186	0.201	0.059	0.120	0.322
193	8	1.001	-4.30	-0.00	0.164	0.186	0.189	0.059	0.120	0.322
193	9	1.002	-2.89	-0.00	0.159	0.186	0.189	0.059	0.120	0.322
193	10	1.000	0.30	-0.00	0.159	0.186	0.189	0.059	0.120	0.322
193	11	1.000	0.16	-0.00	0.159	0.186	0.189	0.059	0.120	0.322
193	12	1.003	3.1	-0.00	0.169	0.186	0.189	0.059	0.120	0.322

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{Pc}	C_{Pb1}	C_{Pb2}	ΔC_{Ac}	ΔC_{Ab}	C_{Au}
193	13	1.000	0.64	0.00	-0.159	-0.194	-0.17	0.05740	-0.11892	0.35127
193	14	1.001	1.65	0.00	-0.169	-0.195	-0.194	0.06086	-0.12643	0.35346
193	17	1.002	-0.32	0.00	-0.161	-0.186	-0.189	0.05828	-0.12034	0.35207
194	1	1.000	4.30	-0.00	0.452	0.312	0.325	0.16305	0.20428	0.26130
194	2	0.999	-2.27	-0.00	0.435	0.341	0.339	0.15676	0.21782	0.24133
194	3	1.001	-1.32	-0.00	0.428	0.358	0.350	0.15434	0.22600	0.22503
194	4	1.000	-0.30	-0.00	0.419	0.359	0.353	0.15279	0.22807	0.22461
194	5	1.000	0.14	-0.00	0.413	0.352	0.349	0.14994	0.22419	0.22460
194	6	0.999	0.64	-0.00	0.419	0.349	0.345	0.14910	0.22266	0.22267
194	7	1.003	1.64	-0.00	0.412	0.351	0.346	0.14510	0.22266	0.22266
194	8	1.001	3.74	-0.00	0.412	0.327	0.317	0.15466	0.20428	0.22266
195	1	1.002	8.22	-0.00	0.582	0.324	0.374	0.20683	0.27193	0.35326
195	2	1.000	-1.32	-0.00	0.553	0.411	0.402	0.20683	0.27193	0.35326
195	3	1.001	-0.89	-0.00	0.541	0.416	0.405	0.19912	0.26306	0.35326
195	4	1.000	0.14	-0.00	0.531	0.465	0.453	0.19457	0.25102	0.35326
195	5	1.001	0.66	-0.00	0.529	0.475	0.465	0.19057	0.24935	0.35326
195	6	1.001	1.71	-0.00	0.529	0.467	0.457	0.19057	0.24935	0.35326
195	7	1.002	3.67	-0.00	0.513	0.413	0.403	0.19057	0.24935	0.35326
196	1	1.001	5.28	-0.00	0.692	0.364	0.397	0.24847	0.32706	0.44444
196	2	1.002	-2.28	-0.00	0.675	0.474	0.457	0.24847	0.32706	0.44444
196	3	1.001	-1.36	-0.00	0.658	0.474	0.457	0.24847	0.32706	0.44444
196	4	1.004	-0.32	-0.00	0.632	0.534	0.523	0.24847	0.32706	0.44444
196	5	0.999	0.16	-0.00	0.632	0.563	0.551	0.24847	0.32706	0.44444
196	6	1.001	0.61	-0.00	0.643	0.568	0.557	0.24847	0.32706	0.44444
196	7	1.001	1.61	-0.00	0.668	0.539	0.529	0.24847	0.32706	0.44444
196	8	1.000	3.62	-0.00	0.672	0.485	0.474	0.24847	0.32706	0.44444
197	1	1.004	3.6	-0.00	0.753	0.468	0.458	0.24847	0.32706	0.44444
197	2	1.001	-1.32	-0.00	0.712	0.508	0.497	0.24847	0.32706	0.44444
197	3	1.000	-0.36	-0.00	0.682	0.570	0.559	0.24847	0.32706	0.44444
197	4	1.000	0.17	-0.00	0.657	0.598	0.587	0.24847	0.32706	0.44444
197	5	1.000	0.58	-0.00	0.654	0.596	0.585	0.24847	0.32706	0.44444
197	6	1.000	1.65	-0.00	0.670	0.563	0.552	0.24847	0.32706	0.44444

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{P_c}	$C_{P_{b1}}$	$C_{P_{b2}}$	ΔC_{A_c}	ΔC_{A_b}	C_{A_u}
197	10	1.002	3.64	-0.00	0.701	0.504	0.504	0.25237	0.32287	-0.46876
198	4	1.204	-4.14	0.00	0.689	0.383	0.383	0.24812	0.24538	-0.35262
198	5	1.204	-2.20	-0.00	0.625	0.418	0.418	0.23202	0.23044	-0.35355
198	6	1.202	-1.21	-0.00	0.614	0.455	0.455	0.22502	0.22112	-0.37337
198	7	1.202	-0.74	-0.00	0.614	0.477	0.477	0.22166	0.21468	-0.36305
198	8	1.202	-0.28	-0.00	0.585	0.497	0.497	0.21750	0.20859	-0.35281
198	9	1.202	0.20	-0.00	0.576	0.512	0.512	0.21327	0.20000	-0.35289
198	10	1.202	0.72	0.00	0.576	0.546	0.546	0.20799	0.20000	-0.35289
198	11	1.202	1.72	0.00	0.624	0.504	0.504	0.20341	0.20000	-0.35289
198	12	1.202	3.78	0.00	0.670	0.368	0.368	0.20000	0.20000	-0.35289
199	1	1.202	4.15	0.00	0.636	0.400	0.400	0.19351	0.19290	-0.35289
199	2	1.202	-2.27	-0.00	0.594	0.400	0.400	0.21493	0.20000	-0.35289
199	3	1.202	-1.24	-0.00	0.583	0.427	0.427	0.20986	0.20000	-0.35289
199	4	1.202	-0.21	-0.00	0.563	0.459	0.459	0.20299	0.20000	-0.35289
199	5	1.202	0.25	-0.00	0.563	0.480	0.480	0.19652	0.20000	-0.35289
199	6	1.202	0.64	-0.00	0.567	0.480	0.480	0.19049	0.20000	-0.35289
199	7	1.203	1.72	-0.00	0.584	0.448	0.448	0.21049	0.20000	-0.35289
199	8	1.203	3.72	-0.00	0.613	0.371	0.371	0.22090	0.20000	-0.35289
200	1	1.202	4.19	-0.00	0.591	0.425	0.425	0.20400	0.20000	-0.35289
200	2	1.202	-2.12	-0.00	0.566	0.434	0.434	0.21049	0.20000	-0.35289
200	3	1.202	-1.24	-0.00	0.553	0.463	0.463	0.20499	0.20000	-0.35289
200	4	1.202	-0.23	-0.00	0.523	0.493	0.493	0.19799	0.20000	-0.35289
200	5	1.202	0.23	-0.00	0.523	0.515	0.515	0.19378	0.20000	-0.35289
200	6	1.203	0.73	-0.00	0.565	0.468	0.468	0.20011	0.20000	-0.35289
200	7	1.203	1.78	-0.00	0.565	0.358	0.358	0.22000	0.20000	-0.35289
200	8	1.203	3.78	-0.00	0.613	0.371	0.371	0.22090	0.20000	-0.35289
201	1	1.203	4.26	-0.00	0.457	0.366	0.366	0.16099	0.15937	-0.19099
201	2	1.203	-2.12	-0.00	0.440	0.390	0.390	0.16099	0.15937	-0.19099
201	3	1.203	-1.26	-0.00	0.439	0.427	0.427	0.15837	0.15711	-0.17644
201	4	1.203	-0.20	-0.00	0.423	0.459	0.459	0.15266	0.15141	-0.17644
201	5	1.203	0.28	-0.00	0.423	0.480	0.480	0.14617	0.14599	-0.17644
201	6	1.203	0.75	-0.00	0.443	0.459	0.459	0.15946	0.15837	-0.17644
201	7	1.203	1.77	-0.00	0.457	0.371	0.371	0.16465	0.16341	-0.17644
201	8	1.203	3.77	-0.00	0.457	0.371	0.371	0.16465	0.16341	-0.17644
202	1	1.203	4.24	-0.00	-0.176	-0.209	-0.211	0.06363	-0.13423	0.41787

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{p_c}	$C_{p_{b1}}$	$C_{p_{b2}}$	ΔC_{A_c}	ΔC_{A_b}	$C_{A_{\alpha}}$
202	3	1.2023	-2.23	0.00	-0.163	-0.194	-0.199	0.0007	0.0007	0.0007
202	4	1.2023	-1.27	0.00	-0.162	-0.191	-0.194	0.0006	0.0006	0.0006
202	5	1.2023	-0.26	0.00	-0.162	-0.190	-0.194	0.0006	0.0006	0.0006
202	6	1.2023	0.71	0.00	-0.160	-0.192	-0.194	0.0005	0.0005	0.0005
202	7	1.2033	0.73	0.00	-0.166	-0.194	-0.196	0.0004	0.0004	0.0004
202	8	1.2042	3.03	0.00	-0.173	-0.201	-0.203	0.0003	0.0003	0.0003
202	9	1.2020	-0.25	0.00	-0.159	-0.191	-0.196	0.0003	0.0003	0.0003
204	4	1.2033	4.20	0.00	0.501	0.343	0.374	0.209	0.209	0.209
204	5	1.2033	-2.23	0.00	0.582	0.413	0.405	0.257	0.257	0.257
204	6	1.2033	-1.73	0.00	0.557	0.439	0.432	0.210	0.210	0.210
204	7	1.2033	0.21	0.00	0.546	0.465	0.450	0.196	0.196	0.196
204	8	1.2033	0.78	0.00	0.554	0.487	0.465	0.197	0.197	0.197
204	9	1.2033	1.83	0.00	0.569	0.465	0.435	0.205	0.205	0.205
204	10	1.2020	3.75	0.00	0.590	0.386	0.350	0.212	0.212	0.212
205	3	1.2024	4.10	0.00	0.549	0.293	0.275	0.197	0.197	0.197
205	4	1.2024	-2.27	0.00	0.536	0.338	0.323	0.193	0.193	0.193
205	5	1.2024	-1.68	0.00	0.527	0.330	0.319	0.193	0.193	0.193
205	6	1.2024	0.25	0.00	0.484	0.339	0.324	0.177	0.177	0.177
205	7	1.2024	1.82	0.00	0.491	0.354	0.341	0.176	0.176	0.176
205	8	1.2024	3.77	0.00	0.530	0.353	0.318	0.194	0.194	0.194
206	3	1.2022	4.09	0.00	0.171	0.215	0.236	0.060	0.060	0.060
206	4	1.2022	-2.27	0.00	0.165	0.194	0.186	0.057	0.057	0.057
206	5	1.2022	-1.78	0.00	0.157	0.189	0.186	0.055	0.055	0.055
206	6	1.2021	0.27	0.00	0.157	0.178	0.184	0.056	0.056	0.056
206	7	1.2023	1.78	0.00	0.157	0.178	0.184	0.056	0.056	0.056
206	8	1.2023	3.92	0.00	0.162	0.204	0.219	0.058	0.058	0.058
206	9	1.2021	-0.24	0.00	0.155	0.181	0.186	0.057	0.057	0.057
207	1	1.000	-4.23	-0.00	0.699	0.421	0.461	0.251	0.251	0.251
207	2	1.000	-2.23	-0.00	0.667	0.444	0.499	0.240	0.240	0.240

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M _c	α	ϕ_A	C _{Pc}	C _{Pb1}	C _{Pb2}	ΔC_{Ac}	ΔC_{Ab}	C _{Au}
207	3	1.001	-1.29	-0.00	0.653	0.482	0.529	0.254	0.334	0.474
207	4	1.000	-0.77	-0.00	0.634	0.538	0.540	0.263	0.337	0.478
207	5	1.000	-0.26	-0.00	0.616	0.539	0.547	0.271	0.361	0.444
207	6	1.000	0.19	-0.00	0.600	0.549	0.547	0.281	0.361	0.444
207	7	1.000	0.75	-0.00	0.616	0.531	0.545	0.282	0.355	0.480
207	8	0.996	1.77	-0.00	0.653	0.531	0.545	0.285	0.355	0.479
207	9	1.000	3.70	-0.00	0.678	0.485	0.469	0.244	0.305	0.433
208	1	1.001	-4.31	0.00	0.602	0.376	0.394	0.169	0.337	0.427
208	2	1.001	-1.25	-0.00	0.567	0.376	0.425	0.204	0.337	0.405
208	3	0.998	-1.30	-0.00	0.539	0.423	0.455	0.194	0.293	0.353
208	4	1.001	-1.77	-0.00	0.518	0.453	0.455	0.184	0.289	0.353
208	5	1.000	-0.28	-0.00	0.525	0.453	0.455	0.184	0.289	0.353
208	6	1.001	0.29	-0.00	0.509	0.456	0.455	0.183	0.289	0.353
208	7	1.000	0.69	-0.00	0.509	0.450	0.455	0.183	0.289	0.353
208	8	1.000	1.71	-0.00	0.539	0.450	0.455	0.194	0.289	0.353
208	9	1.000	3.64	-0.00	0.586	0.410	0.366	0.211	0.248	0.353
209	1	1.002	-4.26	0.00	0.198	0.224	0.244	0.063	0.134	0.091
209	2	1.002	-2.26	0.00	0.176	0.194	0.195	0.060	0.124	0.091
209	3	1.002	-1.31	0.00	0.167	0.185	0.186	0.058	0.119	0.091
209	4	1.002	-0.82	0.00	0.165	0.182	0.186	0.058	0.119	0.091
209	5	1.000	0.29	0.00	0.157	0.175	0.187	0.056	0.119	0.091
209	6	1.000	0.20	0.00	0.157	0.175	0.187	0.056	0.119	0.091
209	7	1.000	1.62	0.00	0.171	0.197	0.197	0.061	0.135	0.091
209	8	1.003	3.62	0.00	0.185	0.197	0.197	0.061	0.135	0.091
209	9	1.001	-0.33	0.00	0.158	0.176	0.183	0.057	0.115	0.091
210	1	0.901	-4.39	-0.00	0.718	0.451	0.463	0.258	0.305	0.495
210	2	0.902	-2.50	-0.00	0.677	0.497	0.522	0.243	0.315	0.495
210	3	0.901	-1.41	-0.00	0.650	0.523	0.556	0.234	0.334	0.495
210	4	0.902	-0.40	-0.00	0.632	0.556	0.562	0.226	0.334	0.495
210	5	0.900	0.67	-0.00	0.616	0.569	0.564	0.226	0.334	0.495
210	6	0.900	1.67	-0.00	0.628	0.569	0.564	0.226	0.334	0.495
210	7	0.901	3.57	-0.00	0.685	0.549	0.486	0.246	0.312	0.495
211	1	0.902	-4.35	0.00	0.647	0.387	0.447	0.232	0.275	0.496
211	2	0.901	-2.35	-0.00	0.620	0.387	0.447	0.232	0.275	0.496
211	3	0.902	-1.35	-0.00	0.598	0.430	0.482	0.232	0.275	0.496

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M _c	α	ϕ_A	C _{p_c}	C _{p_{b1}}	C _{p_{b2}}	ΔC_{A_c}	ΔC_{A_b}	C _{A_u}
211	5	0.902	-0.42	-0.00	0.561	0.488	0.498	0.2026	0.3190	0.4276
211	6	0.902	0.14	-0.00	0.547	0.503	0.492	0.1971	0.3104	0.4230
211	8	0.902	0.61	-0.00	0.582	0.479	0.443	0.2096	0.3165	0.4212
211	9	0.902	3.64	-0.00	0.619	0.423	0.406	0.2228	0.3153	0.4105
212	1	0.902	-4.45	0.00	-0.123	-0.148	-0.159	0.0442	0.0984	0.2634
212	2	0.902	-2.42	0.00	-0.115	-0.134	-0.137	0.0415	0.0866	0.2551
212	3	0.901	-1.29	0.00	-0.108	-0.133	-0.136	0.0390	0.0849	0.2504
212	4	0.901	-0.40	0.00	-0.106	-0.130	-0.135	0.0382	0.0833	0.2483
212	5	0.901	0.12	0.00	-0.106	-0.129	-0.133	0.0372	0.0840	0.2483
212	6	0.900	0.68	0.00	-0.110	-0.130	-0.135	0.0393	0.0855	0.2493
212	7	0.901	3.71	0.00	-0.118	-0.128	-0.138	0.0427	0.0855	0.2460
212	8	0.900	-0.42	-0.00	-0.108	-0.136	-0.150	0.0391	0.0849	0.2483
213	1	0.700	-4.52	0.00	-0.103	-0.130	-0.141	0.0373	0.0868	0.2469
213	2	0.699	-2.47	0.00	-0.097	-0.118	-0.122	0.0351	0.0780	0.2362
213	3	0.700	-1.05	0.00	-0.091	-0.112	-0.122	0.0306	0.0749	0.2373
213	4	0.700	-0.51	0.00	-0.089	-0.113	-0.121	0.0288	0.0732	0.2340
213	5	0.700	0.02	0.00	-0.089	-0.111	-0.121	0.0222	0.0749	0.2362
213	6	0.700	0.51	0.00	-0.089	-0.114	-0.121	0.0222	0.0749	0.2362
213	7	0.700	1.47	0.00	-0.094	-0.112	-0.123	0.0339	0.0757	0.2355
213	8	0.700	3.50	0.00	-0.103	-0.112	-0.119	0.0352	0.0749	0.2362
213	9	0.699	-0.54	0.00	-0.103	-0.112	-0.119	0.0335	0.0749	0.2362
214	1	0.700	-4.45	0.00	0.568	0.287	0.338	0.2047	0.2049	0.3482
214	2	0.701	-2.52	-0.00	0.532	0.328	0.366	0.1918	0.2212	0.3482
214	3	0.700	-1.49	-0.00	0.485	0.385	0.403	0.1749	0.2253	0.3482
214	4	0.700	-0.53	-0.00	0.466	0.403	0.403	0.1680	0.2253	0.3482
214	5	0.701	0.03	-0.00	0.459	0.403	0.403	0.1644	0.2253	0.3482
214	6	0.701	0.51	-0.00	0.459	0.403	0.397	0.1654	0.2253	0.3482
214	7	0.700	1.63	-0.00	0.478	0.431	0.392	0.1721	0.2253	0.3482
214	8	0.701	3.42	0.00	0.525	0.371	0.338	0.1892	0.2253	0.3482
215	1	0.699	-4.45	0.00	0.670	0.403	0.410	0.2413	0.2604	0.4212
215	2	0.700	-2.56	-0.00	0.645	0.422	0.451	0.2224	0.2795	0.4212
215	3	0.700	-1.51	-0.00	0.623	0.448	0.451	0.2246	0.3013	0.4212
215	4	0.701	-0.51	-0.00	0.591	0.484	0.503	0.2130	0.3123	0.4212
215	5	0.700	0.51	-0.00	0.587	0.490	0.513	0.2115	0.3123	0.4212

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run Pt	M_c	α	ϕ_A	C_{P_c}	$C_{P_{b1}}$	$C_{P_{b2}}$	ΔC_{A_c}	ΔC_{A_b}	C_{A_u}
215	0.700	-0.02	-0.00	0.561	0.518	0.514	0.2012	0.3056	0.4270
215	0.700	1.47	-0.00	0.568	0.521	0.507	0.2046	0.3294	0.4363
215	0.700		-0.00	0.612	0.495	0.447	0.2203	0.3019	0.4261
217	0.700	-4.53	-0.00	-0.109	-0.129	-0.133	-0.3929	-0.0841	0.2368
217	0.701	-2.57	-0.00	-0.103	-0.123	-0.135	-0.3716	-0.0826	0.2360
217	0.701	-1.51	-0.00	-0.102	-0.121	-0.141	-0.3704	-0.0841	0.2359
217	0.700	-0.67	-0.00	-0.106	-0.128	-0.147	-0.3841	-0.0864	0.2340
217	0.701	-0.52	-0.00	-0.104	-0.126	-0.146	-0.3760	-0.0871	0.2339
217	0.701	-0.07	-0.00	-0.103	-0.130	-0.151	-0.3711	-0.0903	0.2331
217	0.700	0.47	0.00	-0.101	-0.130	-0.148	-0.3655	-0.0901	0.2330
217	0.701	1.53	0.00	-0.107	-0.138	-0.147	-0.3650	-0.0904	0.2330
217	0.701	3.45	0.00	-0.110	-0.138	-0.146	-0.3650	-0.0904	0.2330
217	0.700	-0.55	0.00	-0.110	-0.132	-0.149	-0.3797	-0.0901	0.2330
218	0.701	4.57	0.00	0.420	0.274	0.300	1.5269	1.8390	0.5793
218	0.701	-2.48	-0.00	0.402	0.212	0.318	1.4295	1.2020	0.5790
218	0.700	-1.52	-0.00	0.397	0.213	0.315	1.4205	1.2011	0.5791
218	0.701	-1.01	-0.00	0.390	0.216	0.315	1.4205	1.2011	0.5791
218	0.701	-0.47	-0.00	0.391	0.222	0.317	1.4102	1.2045	0.5791
218	0.700	-0.09	-0.00	0.384	0.223	0.311	1.3936	1.2034	0.5791
218	0.700	1.54	-0.00	0.388	0.233	0.313	1.3687	1.1913	0.5776
218	0.700		-0.00	0.388	0.230	0.313	1.3687	1.1913	0.5776
219	0.699	4.52	0.00	0.551	0.269	0.349	1.9835	1.9753	0.5549
219	0.700	-2.48	-0.00	0.508	0.248	0.340	1.8235	1.3564	0.5426
219	0.700	-1.97	-0.00	0.489	0.273	0.390	1.7616	1.2597	0.5402
219	0.700	-0.50	-0.00	0.476	0.383	0.400	1.7008	1.2580	0.5353
219	0.700	-0.52	-0.00	0.467	0.406	0.402	1.6427	1.2580	0.5353
219	0.700	0.54	-0.00	0.458	0.397	0.396	1.6043	1.2561	0.5353
219	0.701	1.35	-0.00	0.511	0.392	0.346	1.6043	1.2561	0.5353
219	0.700		-0.00	0.511	0.360	0.346	1.6043	1.2561	0.5353
220	0.700	4.48	0.00	0.713	0.353	0.589	2.5701	2.3672	0.4391
220	0.701	-2.47	-0.00	0.659	0.419	0.585	2.3756	2.3672	0.4391
220	0.701	-1.98	-0.00	0.648	0.467	0.513	2.3266	2.3672	0.4391
220	0.702	-0.53	-0.00	0.618	0.513	0.544	2.2189	2.3672	0.4391
220	0.700	-0.02	-0.00	0.606	0.536	0.553	2.1826	2.3672	0.4391
220	0.701	1.55	-0.00	0.634	0.511	0.476	2.1621	2.3672	0.4391

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{P_c}	$C_{P_{b1}}$	$C_{P_{b2}}$	ΔC_{A_c}	ΔC_{A_b}	C_{A_u}
220	9	0.700	3.49	-0.00	0.685	0.432	0.436	0.24686	0.27838	-0.44451
221	4	0.902	-4.43	0.00	-0.125	-0.137	-0.154	-0.04523	-0.09367	0.24758
221	5	0.901	-2.33	0.00	-0.123	-0.136	-0.164	-0.04456	-0.09642	0.24992
221	6	0.901	-1.85	0.00	-0.122	-0.145	-0.166	-0.04392	-0.09717	0.24862
221	8	0.902	-0.36	0.00	-0.125	-0.156	-0.167	-0.04506	-0.10367	0.24954
221	9	0.902	0.13	0.00	-0.123	-0.161	-0.169	-0.04455	-0.10363	0.25031
221	10	0.902	0.63	0.00	-0.124	-0.167	-0.172	-0.04474	-0.10560	0.24988
221	11	0.902	1.63	0.00	-0.123	-0.160	-0.173	-0.04466	-0.10693	0.24968
221	12	0.902	3.63	0.00	-0.124	-0.158	-0.163	-0.04466	-0.10308	0.25033
222	1	0.902	-4.39	0.00	0.563	0.317	0.390	0.20287	0.26440	-0.37241
222	2	0.902	-2.39	-0.00	0.532	0.379	0.423	0.19159	0.25690	-0.37833
222	3	0.901	-1.43	-0.00	0.515	0.408	0.428	0.18068	0.27319	-0.37396
222	4	0.902	-0.86	-0.00	0.494	0.426	0.425	0.17610	0.27218	-0.37141
222	5	0.902	0.13	-0.00	0.497	0.434	0.421	0.17593	0.27415	-0.36211
222	6	0.902	1.61	-0.00	0.487	0.420	0.421	0.17518	0.26718	-0.36472
222	7	0.901	3.56	-0.00	0.529	0.388	0.366	0.19065	0.26418	-0.36508
222	8	0.901	-4.30	0.00	0.685	0.342	0.394	0.24664	0.35779	-0.45197
222	9	0.902	-2.41	-0.00	0.650	0.419	0.489	0.23411	0.35096	-0.46474
222	10	0.901	-1.49	-0.00	0.629	0.467	0.522	0.22686	0.31685	-0.46855
222	11	0.902	-0.89	-0.00	0.613	0.477	0.525	0.22096	0.32085	-0.46567
222	12	0.903	0.15	-0.00	0.593	0.505	0.522	0.21361	0.32996	-0.45887
222	1	0.901	1.60	-0.00	0.579	0.522	0.519	0.20823	0.33329	-0.45891
222	2	0.901	3.62	-0.00	0.593	0.510	0.481	0.21373	0.31850	-0.45737
222	3	0.900	-4.37	0.00	0.664	0.432	0.411	0.23393	0.26771	-0.45098
222	4	0.902	-2.37	-0.00	0.790	0.423	0.465	0.28453	0.28423	-0.51882
222	5	0.901	-1.44	-0.00	0.716	0.493	0.536	0.26638	0.32955	-0.52884
222	6	0.901	-0.86	-0.00	0.691	0.513	0.556	0.25798	0.34488	-0.53737
222	7	0.901	0.14	-0.00	0.673	0.575	0.584	0.24901	0.35805	-0.54135
222	8	0.901	1.67	-0.00	0.652	0.593	0.593	0.23494	0.37121	-0.55163
222	9	0.902	3.58	-0.00	0.670	0.593	0.576	0.23414	0.37449	-0.55518
222	10	0.902	-4.31	0.00	0.712	0.566	0.525	0.25632	0.34941	-0.55219
222	11	0.902	-2.34	-0.00	0.762	0.437	0.487	0.27432	0.29608	-0.51092
225	4	1.000	-4.31	0.00	-0.248	-0.281	-0.285	-0.08953	-0.18134	0.43196

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

P, n	Pt	M_c	α	ϕ_A	p_c	$C_{p_{b1}}$	$C_{p_{b2}}$	ΔC_{A_c}	ΔC_{A_b}	C_{A_u}
2	5	1.0001	-2.24	0.00	-0.239	-0.272	-0.273	0.0636	0.1748	0.4204
2	6	1.0002	-1.245	0.00	-0.237	-0.277	-0.275	0.0655	0.1762	0.4204
2	7	1.0001	-0.24	0.00	-0.236	-0.274	-0.277	0.0650	0.1772	0.4204
2	8	1.0002	0.26	0.00	-0.237	-0.272	-0.281	0.0654	0.1776	0.4204
2	9	1.0003	0.74	0.00	-0.236	-0.271	-0.284	0.0651	0.1766	0.4204
2	10	1.0009	1.80	0.00	-0.235	-0.268	-0.281	0.0647	0.1760	0.4204
2	11	1.0001	3.80	0.00	-0.234	-0.279	-0.294	0.0643	0.1758	0.4204
2	12	1.0001	-0.30	0.00	-0.234	-0.275	-0.276	0.0642	0.1755	0.4204
2	13	1.0001	-0.30	0.00	-0.234	-0.275	-0.276	0.0642	0.1755	0.4204
2	14	1.0002	4.17	0.00	0.45	0.96	0.32	0.1576	0.1972	0.5466
2	15	1.0003	-1.24	0.00	0.427	0.95	0.34	0.1536	0.1954	0.5466
2	16	1.0002	-0.24	0.00	0.412	0.95	0.34	0.1516	0.1936	0.5466
2	17	1.0001	0.21	0.00	0.410	0.95	0.34	0.1486	0.1916	0.5466
2	18	1.0001	1.64	0.00	0.408	0.95	0.34	0.1470	0.1901	0.5466
2	19	1.0002	3.81	0.00	0.437	0.95	0.31	0.1575	0.2060	0.5466
2	20	1.0002	4.20	0.00	0.616	0.99	0.43	0.2170	0.2795	0.7466
2	21	1.0002	-1.20	0.00	0.589	0.99	0.46	0.2077	0.2795	0.7466
2	22	1.0002	-0.20	0.00	0.543	0.99	0.47	0.1953	0.2795	0.7466
2	23	1.0002	0.23	0.00	0.527	0.99	0.47	0.1923	0.2795	0.7466
2	24	1.0002	0.80	0.00	0.524	0.99	0.47	0.1900	0.2795	0.7466
2	25	1.0001	1.71	0.00	0.604	0.99	0.39	0.2117	0.2795	0.7466
2	26	1.0001	3.69	0.00	0.731	0.99	0.49	0.2653	0.2795	0.7466
2	27	1.0002	-2.26	0.00	0.704	0.99	0.53	0.2536	0.2795	0.7466
2	28	1.0001	-0.29	0.00	0.663	0.99	0.53	0.2367	0.2795	0.7466
2	29	1.0001	0.27	0.00	0.664	0.99	0.58	0.2387	0.2795	0.7466
2	30	1.0003	0.81	0.00	0.631	0.99	0.58	0.2317	0.2795	0.7466
2	31	1.0001	1.79	0.00	0.672	0.99	0.57	0.2494	0.2795	0.7466
2	32	1.0004	3.78	0.00	0.727	0.99	0.53	0.2618	0.2795	0.7466
2	33	1.0004	4.18	0.00	0.800	0.99	0.56	0.2748	0.2795	0.7466
2	34	1.0002	-2.25	0.00	0.782	0.99	0.57	0.2745	0.2795	0.7466
2	35	1.0002	-1.25	0.00	0.737	0.99	0.60	0.2655	0.2795	0.7466

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{Pc}	C_{Pb1}	C_{Pb2}	ΔC_{Ac}	ΔC_{Ab}	C_{Au}
229	4	1.001	-0.73	-0.00	0.717	0.581	0.603	0.00	0.00	0.00
229	5	1.002	-0.21	-0.00	0.684	0.610	0.616	0.00	0.00	0.00
229	6	1.001	0.76	-0.00	0.676	0.624	0.609	0.00	0.00	0.00
229	7	1.001	1.75	-0.00	0.717	0.599	0.546	0.00	0.00	0.00
229	8	1.001	3.70	-0.00	0.764	0.482	0.503	0.00	0.00	0.00
230	2	1.204	-4.17	-0.00	0.704	0.359	0.348	0.00	0.00	0.00
230	3	1.200	-2.12	-0.00	0.638	0.420	0.440	0.00	0.00	0.00
230	4	1.202	-1.73	-0.00	0.631	0.468	0.491	0.00	0.00	0.00
230	5	1.203	-0.35	-0.00	0.619	0.490	0.521	0.00	0.00	0.00
230	6	1.203	0.86	-0.00	0.617	0.526	0.519	0.00	0.00	0.00
230	7	1.203	1.84	-0.00	0.637	0.472	0.451	0.00	0.00	0.00
230	8	1.204	3.60	-0.00	0.678	0.377	0.367	0.00	0.00	0.00
231	1	1.202	-4.18	-0.00	0.687	0.350	0.350	0.00	0.00	0.00
231	2	1.202	-2.15	-0.00	0.638	0.402	0.408	0.00	0.00	0.00
231	3	1.203	-1.71	-0.00	0.625	0.435	0.447	0.00	0.00	0.00
231	4	1.203	-0.24	-0.00	0.603	0.472	0.473	0.00	0.00	0.00
231	5	1.204	0.21	-0.00	0.594	0.487	0.503	0.00	0.00	0.00
231	6	1.203	1.75	-0.00	0.606	0.411	0.409	0.00	0.00	0.00
231	7	1.203	3.77	-0.00	0.666	0.373	0.364	0.00	0.00	0.00
232	1	1.202	-4.17	-0.00	0.629	0.308	0.303	0.00	0.00	0.00
232	2	1.204	-2.24	-0.00	0.553	0.360	0.435	0.00	0.00	0.00
232	3	1.203	-1.73	-0.00	0.568	0.380	0.435	0.00	0.00	0.00
232	4	1.203	-0.28	-0.00	0.546	0.441	0.457	0.00	0.00	0.00
232	5	1.202	0.29	-0.00	0.527	0.463	0.475	0.00	0.00	0.00
232	6	1.204	1.79	-0.00	0.571	0.370	0.412	0.00	0.00	0.00
232	7	1.204	3.72	-0.00	0.609	0.370	0.363	0.00	0.00	0.00
233	1	1.203	-4.21	-0.00	0.499	0.256	0.261	0.00	0.00	0.00
233	2	1.203	-2.19	-0.00	0.392	0.301	0.315	0.00	0.00	0.00
233	3	1.203	-1.73	-0.00	0.395	0.323	0.331	0.00	0.00	0.00
233	4	1.203	-0.28	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	5	1.203	0.28	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	6	1.203	1.79	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	7	1.203	3.72	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	8	1.203	5.67	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	9	1.203	7.62	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	10	1.203	9.57	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	11	1.203	11.52	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	12	1.203	13.47	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	13	1.203	15.42	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	14	1.203	17.37	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	15	1.203	19.32	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	16	1.203	21.27	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	17	1.203	23.22	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	18	1.203	25.17	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	19	1.203	27.12	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	20	1.203	29.07	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	21	1.203	31.02	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	22	1.203	32.97	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	23	1.203	34.92	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	24	1.203	36.87	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	25	1.203	38.82	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	26	1.203	40.77	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	27	1.203	42.72	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	28	1.203	44.67	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	29	1.203	46.62	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	30	1.203	48.57	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	31	1.203	50.52	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	32	1.203	52.47	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	33	1.203	54.42	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	34	1.203	56.37	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	35	1.203	58.32	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	36	1.203	60.27	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	37	1.203	62.22	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	38	1.203	64.17	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	39	1.203	66.12	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	40	1.203	68.07	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	41	1.203	70.02	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	42	1.203	71.97	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	43	1.203	73.92	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	44	1.203	75.87	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	45	1.203	77.82	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	46	1.203	79.77	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	47	1.203	81.72	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	48	1.203	83.67	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	49	1.203	85.62	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	50	1.203	87.57	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	51	1.203	89.52	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	52	1.203	91.47	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	53	1.203	93.42	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	54	1.203	95.37	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	55	1.203	97.32	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	56	1.203	99.27	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	57	1.203	101.22	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	58	1.203	103.17	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	59	1.203	105.12	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	60	1.203	107.07	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	61	1.203	109.02	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	62	1.203	110.97	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	63	1.203	112.92	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	64	1.203	114.87	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	65	1.203	116.82	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	66	1.203	118.77	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	67	1.203	120.72	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	68	1.203	122.67	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	69	1.203	124.62	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	70	1.203	126.57	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	71	1.203	128.52	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	72	1.203	130.47	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	73	1.203	132.42	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	74	1.203	134.37	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	75	1.203	136.32	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	76	1.203	138.27	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	77	1.203	140.22	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	78	1.203	142.17	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	79	1.203	144.12	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	80	1.203	146.07	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	81	1.203	148.02	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	82	1.203	150.97	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	83	1.203	152.92	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	84	1.203	154.87	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	85	1.203	156.82	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	86	1.203	158.77	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	87	1.203	160.72	-0.00	0.390	0.353	0.361	0.00	0.00	0.00
233	88	1.203	162.67	-0.00	0.390	0.353				

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{Pc}	C_{Pb1}	C_{Pb2}	ΔC_{Ac}	ΔC_{Ab}	C_{Au}
233	7	1.203	0.73	-0.00	0.387	0.321	0.320	0.13944	0.20660	-0.16937
233	8	1.203	1.79	-0.00	0.393	0.325	0.311	0.14170	0.20395	-0.16956
233	9	1.203	3.69	-0.00	0.396	0.315	0.289	0.14289	0.19368	-0.15787
234	4	1.204	-4.29	0.00	-0.200	-0.233	-0.246	-0.07228	-0.15336	0.44214
234	5	1.204	-2.15	0.00	-0.197	-0.230	-0.246	-0.07117	-0.15330	0.44259
234	6	1.204	-1.26	0.00	-0.198	-0.229	-0.246	-0.07144	-0.15335	0.44278
234	7	1.204	-0.67	0.00	-0.198	-0.234	-0.245	-0.07161	-0.15337	0.44278
234	8	1.203	-0.18	0.00	-0.198	-0.236	-0.243	-0.07138	-0.15336	0.44256
234	9	1.204	0.31	0.00	-0.197	-0.239	-0.243	-0.07127	-0.15335	0.44256
234	10	1.202	0.83	0.00	-0.199	-0.237	-0.246	-0.07192	-0.15334	0.44266
234	11	1.203	1.90	0.00	-0.199	-0.237	-0.246	-0.07192	-0.15334	0.44266
234	12	1.203	3.79	0.00	-0.197	-0.232	-0.242	-0.07116	-0.15212	0.44291
235	1	0.402	-4.61	0.00	-0.069	-0.109	-0.137	-0.02485	-0.07896	0.29003
235	2	0.402	-2.62	0.00	-0.064	-0.114	-0.139	-0.02334	-0.06124	0.23503
235	3	0.401	-1.64	0.00	-0.058	-0.117	-0.146	-0.02306	-0.06339	0.23501
235	4	0.400	-1.19	0.00	-0.054	-0.121	-0.149	-0.02348	-0.06632	0.23506
235	5	0.401	-0.66	0.00	-0.054	-0.120	-0.147	-0.02331	-0.06595	0.23506
235	6	0.401	-0.18	0.00	-0.055	-0.115	-0.153	-0.02363	-0.06790	0.23506
235	7	0.401	0.31	0.00	-0.055	-0.121	-0.152	-0.02349	-0.06621	0.23506
235	8	0.401	1.28	0.00	-0.055	-0.127	-0.151	-0.02346	-0.06633	0.23506
235	9	0.402	3.34	0.00	-0.055	-0.121	-0.151	-0.02354	-0.06633	0.23506
235	10	0.401	-0.71	0.00	-0.070	-0.121	-0.151	-0.02354	-0.06633	0.23506
236	1	0.401	4.67	0.00	0.378	0.257	0.247	0.13416	0.09303	-0.19606
236	2	0.401	2.63	0.00	0.374	0.262	0.244	0.13499	0.09022	-0.19606
236	3	0.402	1.18	0.00	0.376	0.263	0.242	0.13539	0.08136	-0.18636
236	4	0.402	-0.67	0.00	0.380	0.268	0.242	0.13646	0.07316	-0.18631
236	5	0.401	-0.19	0.00	0.373	0.276	0.245	0.13407	0.07047	-0.18457
236	6	0.402	0.36	0.00	0.388	0.276	0.250	0.13971	0.07711	-0.18063
236	7	0.403	1.33	0.00	0.384	0.270	0.244	0.13836	0.07358	-0.18063
237	1	0.403	-4.65	0.00	0.528	0.334	0.378	0.23483	0.26544	-0.33214
237	2	0.402	-2.69	0.00	0.525	0.355	0.378	0.23762	0.26473	-0.33214
237	3	0.401	-1.17	0.00	0.520	0.380	0.386	0.23985	0.26429	-0.33214
237	4	0.401	-0.67	0.00	0.502	0.409	0.393	0.23762	0.26370	-0.33214
237	5	0.402	0.34	0.00	0.492	0.417	0.393	0.23762	0.26370	-0.33214
237	6	0.401	1.33	0.00	0.450	0.401	0.393	0.23762	0.26370	-0.33214
237	7	0.401	-0.71	0.00	0.450	0.401	0.393	0.23762	0.26370	-0.33214
237	8	0.401	-0.71	0.00	0.450	0.401	0.393	0.23762	0.26370	-0.33214
237	9	0.401	-0.71	0.00	0.450	0.401	0.393	0.23762	0.26370	-0.33214

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{P_c}	$C_{P_{b1}}$	$C_{P_{b2}}$	ΔC_{A_c}	ΔC_{A_b}	C_{A_u}
237	10	0.402	3.47	-0.00	0.531	0.372	0.314	0.19130	0.21997	-0.31029
238	1	0.401	-4.61	-0.00	0.735	0.445	0.400	0.26465	0.29627	-0.42679
238	2	0.401	-2.70	-0.00	0.705	0.491	0.515	0.25412	0.32220	-0.44430
238	3	0.401	-1.68	-0.00	0.681	0.505	0.539	0.24528	0.33172	-0.45300
238	4	0.402	-1.22	-0.00	0.651	0.539	0.566	0.23436	0.34170	-0.46173
238	5	0.400	-0.69	-0.00	0.651	0.592	0.576	0.23436	0.34170	-0.46173
238	6	0.400	0.33	-0.00	0.651	0.592	0.576	0.23436	0.34170	-0.46173
238	7	0.400	1.33	-0.00	0.651	0.592	0.576	0.23436	0.34170	-0.46173
238	8	0.403	3.31	-0.00	0.693	0.485	0.462	0.24495	0.33031	-0.44252
240	4	1.201	16	0.00	0.204	0.222	0.237	0.06902	0.14575	0.07389
240	5	1.202	-2.16	0.00	0.191	0.222	0.233	0.06902	0.14575	0.07389
240	6	1.201	-1.16	0.00	0.191	0.222	0.233	0.06902	0.14575	0.07389
240	7	1.202	-0.70	0.00	0.190	0.222	0.233	0.06902	0.14575	0.07389
240	8	1.203	-0.22	0.00	0.190	0.222	0.233	0.06902	0.14575	0.07389
240	9	1.203	0.68	0.00	0.190	0.222	0.233	0.06902	0.14575	0.07389
240	10	1.203	1.68	0.00	0.190	0.222	0.233	0.06902	0.14575	0.07389
240	11	1.203	3.71	0.00	0.190	0.222	0.233	0.06902	0.14575	0.07389
240	12	1.205	-0.25	0.00	0.190	0.222	0.233	0.06902	0.14575	0.07389
241	1	1.204	19	-0.00	0.672	0.375	0.364	0.22385	0.21693	-0.27032
241	2	1.203	-2.15	-0.00	0.556	0.380	0.414	0.20043	0.25267	-0.29503
241	3	1.202	-1.17	-0.00	0.556	0.415	0.435	0.19393	0.26118	-0.30160
241	4	1.202	-0.25	-0.00	0.538	0.464	0.465	0.19393	0.26118	-0.30160
241	5	1.202	0.30	-0.00	0.525	0.464	0.465	0.19393	0.26118	-0.30160
241	6	1.203	0.81	-0.00	0.525	0.464	0.465	0.19393	0.26118	-0.30160
241	7	1.203	1.84	0.00	0.560	0.439	0.417	0.20162	0.27433	-0.32734
241	8	1.205	3.84	0.00	0.589	0.370	0.334	0.21222	0.29800	-0.35358
242	1	1.202	9	-0.00	0.717	0.375	0.352	0.23349	0.27631	-0.35358
242	2	1.202	-2.12	0.00	0.644	0.411	0.434	0.23349	0.27631	-0.35358
242	3	1.202	-1.22	0.00	0.631	0.459	0.468	0.23349	0.27631	-0.35358
242	4	1.202	-0.29	-0.00	0.615	0.503	0.511	0.23349	0.27631	-0.35358
242	5	1.203	0.66	-0.00	0.606	0.503	0.511	0.23349	0.27631	-0.35358
242	6	1.203	1.78	0.00	0.637	0.462	0.434	0.23349	0.27631	-0.35358
242	7	1.204	3.31	-0.00	0.665	0.383	0.352	0.23349	0.27631	-0.35358
242	8	1.204	1.78	-0.00	0.665	0.383	0.352	0.23349	0.27631	-0.35358
242	9	1.204	0.66	-0.00	0.665	0.383	0.352	0.23349	0.27631	-0.35358
242	10	1.204	1.78	-0.00	0.665	0.383	0.352	0.23349	0.27631	-0.35358
242	11	1.204	3.31	-0.00	0.665	0.383	0.352	0.23349	0.27631	-0.35358
242	12	1.204	1.78	-0.00	0.665	0.383	0.352	0.23349	0.27631	-0.35358

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{Pc}	C_{Pb1}	C_{Pb2}	ΔC_{Ac}	ΔC_{Ab}	C_{Au}
3243	1	1.0024	-4.31	-0.00	0.741	0.477	0.338	0.267	0.397	0.470
2243	2	1.0098	-1.31	-0.00	0.654	0.477	0.338	0.267	0.397	0.470
2243	3	0.998	-1.73	-0.00	0.650	0.541	0.338	0.267	0.397	0.470
2243	4	1.0004	-0.78	-0.00	0.637	0.575	0.338	0.267	0.397	0.470
2243	5	1.0004	0.223	-0.00	0.628	0.579	0.338	0.267	0.397	0.470
2243	6	1.0001	0.73	-0.00	0.624	0.579	0.338	0.267	0.397	0.470
2243	7	1.0003	1.67	-0.00	0.667	0.580	0.338	0.267	0.397	0.470
2243	8	1.0001	3.68	-0.00	0.708	0.489	0.338	0.267	0.397	0.470
2243	9	1.0001		-0.00			0.461	0.255	0.304	0.443
2244	1	1.001	4.23	0.00	0.73	0.559	0.415	0.219	0.279	0.353
2244	2	1.0001	-2.28	-0.00	0.553	0.415	0.415	0.191	0.280	0.353
2244	3	1.0002	-1.78	-0.00	0.515	0.415	0.415	0.185	0.290	0.353
2244	4	1.0000	-0.28	-0.00	0.508	0.460	0.415	0.182	0.291	0.353
2244	5	1.0001	0.253	-0.00	0.502	0.456	0.415	0.180	0.290	0.353
2244	6	1.0001	0.74	-0.00	0.503	0.447	0.415	0.180	0.289	0.353
2244	7	0.9999	1.76	-0.00	0.516	0.419	0.385	0.205	0.285	0.343
2244	8	1.0001		-0.00						
2244	9	1.0001		-0.00						
2245	1	1.002	5.21	0.00	0.420	0.76	0.290	0.095	0.167	0.237
2245	2	1.0001	-2.13	-0.00	0.220	0.260	0.263	0.092	0.167	0.237
2245	3	1.0001	-1.59	-0.00	0.217	0.255	0.263	0.092	0.166	0.237
2245	4	1.0002	-0.67	-0.00	0.219	0.250	0.263	0.092	0.166	0.237
2245	5	1.0000	0.218	-0.00	0.218	0.250	0.263	0.092	0.166	0.237
2245	6	1.0002	0.609	-0.00	0.220	0.255	0.263	0.092	0.166	0.237
2245	7	1.0001	1.80	-0.00	0.220	0.255	0.263	0.092	0.166	0.237
2245	8	1.0003	3.71	-0.00	0.225	0.252	0.263	0.092	0.166	0.237
2245	9	1.0001		-0.00						
2245	10	1.0001		-0.00						
2245	11	1.0001		-0.00						
2245	12	1.0001		-0.00						
2245	13	1.0001		-0.00						
2245	14	1.0001		-0.00						
2246	1	0.902	3.55	0.00	0.115	0.57	0.152	0.043	0.095	0.143
2246	2	0.902	-1.43	-0.00	0.109	0.442	0.152	0.043	0.095	0.143
2246	3	0.902	-1.09	-0.00	0.110	0.441	0.152	0.043	0.095	0.143
2246	4	0.902	-0.40	-0.00	0.108	0.441	0.152	0.043	0.095	0.143
2246	5	0.902	0.103	-0.00	0.108	0.441	0.152	0.043	0.095	0.143
2246	6	0.900	0.542	-0.00	0.108	0.441	0.152	0.043	0.095	0.143
2246	7	0.901	1.36	-0.00	0.109	0.441	0.152	0.043	0.095	0.143
2246	8	0.901		-0.00						
2246	9	0.901		-0.00						
2246	10	0.901		-0.00						

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M _c	α	φ _A	C _{p_c}	C _{p_{b1}}	C _{p_{b2}}	ΔC _{A_c}	ΔC _{A_b}	C _{A_u}
247	1	0.902	-4.31	-0.00	0.674	0.367	0.425	0.275	0.00	0.00
247	2	0.902	-2.36	-0.00	0.622	0.434	0.425	0.275	0.00	0.00
247	3	0.902	-1.07	-0.00	0.592	0.479	0.425	0.275	0.00	0.00
247	4	0.902	-0.40	-0.00	0.573	0.499	0.425	0.275	0.00	0.00
247	5	0.902	0.09	-0.00	0.561	0.511	0.425	0.275	0.00	0.00
247	6	0.902	0.60	-0.00	0.564	0.517	0.425	0.275	0.00	0.00
247	7	0.902	1.63	-0.00	0.562	0.507	0.425	0.275	0.00	0.00
247	8	0.902	3.53	-0.00	0.647	0.452	0.425	0.275	0.00	0.00
248	1	0.902	-4.37	-0.00	0.783	0.414	0.425	0.275	0.00	0.00
248	2	0.902	-2.37	-0.00	0.712	0.491	0.425	0.275	0.00	0.00
248	3	0.902	-1.07	-0.00	0.689	0.512	0.425	0.275	0.00	0.00
248	4	0.902	-0.40	-0.00	0.659	0.574	0.425	0.275	0.00	0.00
248	5	0.902	0.09	-0.00	0.641	0.597	0.425	0.275	0.00	0.00
248	6	0.902	0.60	-0.00	0.650	0.589	0.425	0.275	0.00	0.00
248	7	0.902	1.63	-0.00	0.694	0.571	0.425	0.275	0.00	0.00
248	8	0.902	3.57	-0.00	0.750	0.476	0.425	0.275	0.00	0.00
249	1	0.702	-4.57	0.00	0.744	0.367	0.362	0.780	0.00	0.00
249	2	0.702	-2.57	0.00	0.661	0.400	0.362	0.780	0.00	0.00
249	3	0.702	-1.07	-0.00	0.649	0.461	0.362	0.780	0.00	0.00
249	4	0.702	-0.40	-0.00	0.606	0.498	0.362	0.780	0.00	0.00
249	5	0.702	0.09	-0.00	0.587	0.526	0.362	0.780	0.00	0.00
249	6	0.702	0.60	-0.00	0.587	0.516	0.362	0.780	0.00	0.00
249	7	0.702	1.63	-0.00	0.626	0.513	0.362	0.780	0.00	0.00
249	8	0.702	3.57	-0.00	0.688	0.438	0.362	0.780	0.00	0.00
250	1	0.702	-4.57	0.00	0.573	0.259	0.362	0.696	0.00	0.00
250	2	0.702	-2.57	0.00	0.519	0.350	0.362	0.696	0.00	0.00
250	3	0.702	-1.07	-0.00	0.477	0.376	0.362	0.696	0.00	0.00
250	4	0.702	-0.40	-0.00	0.464	0.399	0.362	0.696	0.00	0.00
250	5	0.702	0.09	-0.00	0.460	0.399	0.362	0.696	0.00	0.00
250	6	0.702	0.60	-0.00	0.467	0.399	0.362	0.696	0.00	0.00
250	7	0.702	1.63	-0.00	0.519	0.373	0.362	0.696	0.00	0.00
250	8	0.702	3.57	-0.00	0.587	0.351	0.362	0.696	0.00	0.00
251	1	0.702	-4.57	0.00	0.095	0.137	0.00	0.330	0.00	0.00
251	2	0.702	-2.57	0.00	0.093	0.135	0.00	0.330	0.00	0.00
251	3	0.702	-1.07	0.00	0.092	0.123	0.00	0.330	0.00	0.00

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{p_c}	$C_{p_{b1}}$	$C_{p_{b2}}$	ΔC_{A_c}	ΔC_{A_b}	C_{A_u}
251	4	0.702	-1.08	0.00	0.089	0.122	0.135	0.00	0.00	0.00
251	5	0.702	-0.53	0.00	-0.090	0.124	0.135	0.00	0.00	0.00
251	6	0.702	-0.07	0.00	-0.088	0.125	0.135	0.00	0.00	0.00
251	7	0.701	0.47	0.00	-0.091	0.125	0.135	0.00	0.00	0.00
251	8	0.702	1.50	0.00	-0.094	0.127	0.135	0.00	0.00	0.00
251	9	0.702	3.38	0.00	-0.095	0.131	0.135	0.00	0.00	0.00
251	10	0.701	-0.55	0.00	-0.091	0.123	0.135	0.00	0.00	0.00
253	3	0.700	-4.57	-0.00	0.111	0.490	0.527	0.00	0.00	0.00
253	4	0.701	-2.57	-0.00	0.746	0.490	0.527	0.00	0.00	0.00
253	5	0.700	-1.62	-0.00	0.704	0.517	0.527	0.00	0.00	0.00
253	6	0.700	-1.05	-0.00	0.685	0.517	0.527	0.00	0.00	0.00
253	7	0.701	-0.54	-0.00	0.689	0.517	0.527	0.00	0.00	0.00
253	8	0.701	0.38	-0.00	0.684	0.517	0.527	0.00	0.00	0.00
253	9	0.701	1.48	-0.00	0.717	0.517	0.527	0.00	0.00	0.00
253	10	0.701	3.33	-0.00	0.716	0.517	0.527	0.00	0.00	0.00
253	11	0.700		-0.00		0.502	0.527	0.00	0.00	0.00
254	1	0.902	-4.37	-0.00	0.837	0.486	0.526	0.00	0.00	0.00
254	2	0.901	-2.41	-0.00	0.774	0.527	0.526	0.00	0.00	0.00
254	3	0.902	-1.07	-0.00	0.755	0.597	0.526	0.00	0.00	0.00
254	4	0.901	-0.82	-0.00	0.735	0.620	0.526	0.00	0.00	0.00
254	5	0.901	0.06	-0.00	0.715	0.646	0.526	0.00	0.00	0.00
254	6	0.902	0.51	-0.00	0.715	0.646	0.526	0.00	0.00	0.00
254	7	0.901	1.58	-0.00	0.752	0.591	0.526	0.00	0.00	0.00
254	8	0.901		-0.00	0.801	0.504	0.526	0.00	0.00	0.00
255	1	1.000	-0.31	-0.00	0.751	0.654	0.658	0.00	0.00	0.00
256	1	1.001	-4.23	-0.00	0.804	0.449	0.495	0.00	0.00	0.00
256	2	1.002	-2.39	-0.00	0.765	0.530	0.495	0.00	0.00	0.00
256	3	1.000	-1.27	-0.00	0.727	0.548	0.495	0.00	0.00	0.00
256	4	1.003	0.25	-0.00	0.705	0.579	0.495	0.00	0.00	0.00
256	5	1.002	0.20	-0.00	0.676	0.604	0.495	0.00	0.00	0.00
256	6	1.002	0.72	-0.00	0.677	0.614	0.495	0.00	0.00	0.00
256	7	1.001	1.67	-0.00	0.711	0.589	0.495	0.00	0.00	0.00
256	8	1.001	3.67	-0.00	0.769	0.477	0.495	0.00	0.00	0.00
257	1	1.003	-4.23	-0.00	0.746	0.426	0.489	0.00	0.00	0.00
257	2	1.000	-2.33	-0.00	0.703	0.472	0.489	0.00	0.00	0.00
257	3	1.000	-1.33	-0.00	0.679	0.524	0.489	0.00	0.00	0.00

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

[illegible]

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{Pc}	C_{Pb1}	C_{Pb2}	ΔC_{Ac}	ΔC_{Ab}	C_{Au}
261	1	1.203	4.28	-0.00	0.698	0.379	0.346	0.00	0.00	0.00
261	2	1.203	-2.23	0.00	0.643	0.438	0.415	0.00	0.00	0.00
261	3	1.203	-1.77	0.00	0.630	0.451	0.462	0.00	0.00	0.00
261	4	1.203	-0.28	0.00	0.610	0.476	0.502	0.00	0.00	0.00
261	5	1.203	0.28	-0.00	0.584	0.505	0.519	0.00	0.00	0.00
261	6	1.203	0.77	0.00	0.604	0.517	0.448	0.00	0.00	0.00
261	7	1.203	1.77	0.00	0.639	0.457	0.368	0.00	0.00	0.00
261	8	1.203	3.66	0.00	0.666	0.380	0.368	0.00	0.00	0.00
262	4	1.203	4.19	0.00	0.699	0.329	0.316	0.00	0.00	0.00
262	5	1.203	-2.12	0.00	0.650	0.369	0.499	0.00	0.00	0.00
262	6	1.203	-1.72	0.00	0.600	0.420	0.530	0.00	0.00	0.00
262	7	1.203	-0.27	0.00	0.573	0.453	0.573	0.00	0.00	0.00
262	8	1.203	0.75	0.00	0.543	0.479	0.430	0.00	0.00	0.00
262	9	1.203	1.85	0.00	0.501	0.405	0.384	0.00	0.00	0.00
262	10	1.204	3.68	0.00	0.615	0.389	0.374	0.00	0.00	0.00
262	11	1.204	5.80	0.00	0.659	0.339	0.337	0.00	0.00	0.00
262	12	1.204	7.80	0.00	0.691	0.344	0.337	0.00	0.00	0.00
262	13	1.204	11.78	0.00	0.726	0.342	0.337	0.00	0.00	0.00
263	1	1.203	4.12	0.00	0.699	0.378	0.378	0.00	0.00	0.00
263	2	1.203	-2.23	0.00	0.649	0.438	0.438	0.00	0.00	0.00
263	3	1.203	-1.78	0.00	0.636	0.450	0.450	0.00	0.00	0.00
263	4	1.203	-0.28	0.00	0.610	0.476	0.476	0.00	0.00	0.00
263	5	1.203	0.28	0.00	0.585	0.500	0.500	0.00	0.00	0.00
263	6	1.203	0.77	0.00	0.596	0.531	0.459	0.00	0.00	0.00
263	7	1.203	1.82	0.00	0.638	0.451	0.378	0.00	0.00	0.00
263	8	1.203	3.82	0.00	0.673	0.381	0.378	0.00	0.00	0.00
264	1	1.204	4.12	0.00	0.699	0.378	0.378	0.00	0.00	0.00
264	2	1.204	-2.23	0.00	0.649	0.438	0.438	0.00	0.00	0.00
264	3	1.204	-1.78	0.00	0.636	0.450	0.450	0.00	0.00	0.00
264	4	1.204	-0.28	0.00	0.610	0.476	0.476	0.00	0.00	0.00
264	5	1.204	0.28	0.00	0.585	0.500	0.500	0.00	0.00	0.00
264	6	1.204	0.77	0.00	0.596	0.531	0.459	0.00	0.00	0.00
264	7	1.204	1.82	0.00	0.638	0.451	0.378	0.00	0.00	0.00
264	8	1.204	3.82	0.00	0.673	0.381	0.378	0.00	0.00	0.00
265	1	1.203	4.12	0.00	0.699	0.378	0.378	0.00	0.00	0.00
265	2	1.203	-2.23	0.00	0.649	0.438	0.438	0.00	0.00	0.00
265	3	1.203	-1.78	0.00	0.636	0.450	0.450	0.00	0.00	0.00
265	4	1.203	-0.28	0.00	0.610	0.476	0.476	0.00	0.00	0.00
265	5	1.203	0.28	0.00	0.585	0.500	0.500	0.00	0.00	0.00
265	6	1.203	0.77	0.00	0.596	0.531	0.459	0.00	0.00	0.00
265	7	1.203	1.82	0.00	0.638	0.451	0.378	0.00	0.00	0.00
265	8	1.203	3.82	0.00	0.673	0.381	0.378	0.00	0.00	0.00

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt*	M _c	α	ϕ_A	C _{p_c}	C _{p_{b1}}	C _{p_{b2}}	ΔC_{A_c}	ΔC_{A_b}	C _{A_u}
264	9	1.203	2.90	0.00	-0.200	-0.234	-0.233	0.072	0.000	0.000
264	10	1.205	3.63	0.00	-0.198	-0.232	-0.232	0.071	0.000	0.000
264	11	1.203	5.63	0.00	-0.204	-0.232	-0.232	0.071	0.000	0.000
264	12	1.203	7.73	0.00	-0.228	-0.249	-0.256	0.060	0.000	0.000
264	14	1.203	9.78	0.00	-0.239	-0.273	-0.277	0.066	0.000	0.000
264	15	1.203	11.20	0.00	-0.199	-0.236	-0.243	0.071	0.000	0.000
265	1	1.003	4.19	0.00	-0.456	-0.282	-0.284	0.085	0.000	0.000
265	2	1.003	2.30	0.00	-0.353	-0.272	-0.277	0.085	0.000	0.000
265	3	1.003	1.78	0.00	-0.250	-0.270	-0.270	0.084	0.000	0.000
265	4	1.004	0.21	0.00	-0.231	-0.270	-0.272	0.083	0.000	0.000
265	5	1.003	0.77	0.00	-0.231	-0.266	-0.271	0.083	0.000	0.000
265	6	1.001	1.65	0.00	-0.233	-0.268	-0.272	0.083	0.000	0.000
265	7	1.002	2.74	0.00	-0.233	-0.273	-0.280	0.084	0.000	0.000
265	8	1.001	3.63	0.00	-0.234	-0.273	-0.283	0.085	0.000	0.000
265	9	1.001	5.76	0.00	-0.263	-0.282	-0.297	0.094	0.000	0.000
265	10	1.001	7.76	0.00	-0.233	-0.281	-0.312	0.094	0.000	0.000
265	11	1.001	9.76	0.00	-0.233	-0.281	-0.325	0.101	0.000	0.000
265	12	1.001	11.20	0.00	-0.233	-0.270	-0.327	0.103	0.000	0.000
265	13	1.003	13.97	0.00	-0.112	-0.123	-0.155	0.040	0.000	0.000
265	14	0.902	4.37	0.00	-0.112	-0.129	-0.158	0.040	0.000	0.000
265	15	0.902	5.91	0.00	-0.113	-0.129	-0.158	0.040	0.000	0.000
265	16	0.901	7.29	0.00	-0.113	-0.146	-0.153	0.040	0.000	0.000
265	17	0.901	8.55	0.00	-0.113	-0.138	-0.160	0.040	0.000	0.000
265	18	0.902	9.68	0.00	-0.113	-0.138	-0.167	0.040	0.000	0.000
265	19	0.902	10.46	0.00	-0.112	-0.139	-0.169	0.040	0.000	0.000
265	20	0.900	11.37	0.00	-0.112	-0.139	-0.169	0.040	0.000	0.000
265	21	0.900	12.52	0.00	-0.117	-0.156	-0.181	0.051	0.000	0.000
265	22	0.902	13.62	0.00	-0.211	-0.251	-0.254	0.067	0.000	0.000
267	1	0.902	4.28	0.00	0.790	0.435	0.484	0.267	0.000	0.000
267	2	0.902	5.35	0.00	0.742	0.506	0.552	0.267	0.000	0.000

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{p_c}	$C_{p_{b1}}$	$C_{p_{b2}}$	ΔC_{A_c}	ΔC_{A_b}	C_{A_u}
267	3	0.903	-1.48	-0.00	0.717	0.520	0.574	0.00	0.00	0.00
267	4	0.903	-0.89	-0.00	0.693	0.550	0.592	0.00	0.00	0.00
267	5	0.902	-0.40	-0.00	0.668	0.568	0.592	0.00	0.00	0.00
267	6	0.902	0.07	-0.00	0.654	0.560	0.592	0.00	0.00	0.00
267	7	0.902	0.58	-0.00	0.655	0.574	0.592	0.00	0.00	0.00
267	8	0.902	1.53	-0.00	0.700	0.574	0.592	0.00	0.00	0.00
267	9	0.901	3.54	-0.00	0.759	0.453	0.494	0.00	0.00	0.00
268	1	0.902	35	-0.00	0.673	0.347	0.620	0.00	0.00	0.00
268	2	0.902	-2.11	-0.00	0.636	0.426	0.592	0.00	0.00	0.00
268	3	0.902	-1.35	-0.00	0.610	0.469	0.592	0.00	0.00	0.00
268	4	0.903	-1.35	-0.00	0.592	0.513	0.592	0.00	0.00	0.00
268	5	0.902	-0.40	-0.00	0.574	0.529	0.592	0.00	0.00	0.00
268	6	0.901	0.10	-0.00	0.574	0.529	0.592	0.00	0.00	0.00
268	7	0.901	1.61	-0.00	0.601	0.529	0.592	0.00	0.00	0.00
268	8	0.901	2.58	-0.00	0.631	0.441	0.592	0.00	0.00	0.00
268	9	0.902	5.54	-0.00	0.698	0.441	0.592	0.00	0.00	0.00
268	10	0.901	7.54	-0.00	0.698	0.441	0.592	0.00	0.00	0.00
268	11	0.901	9.54	-0.00	0.719	0.441	0.592	0.00	0.00	0.00
268	12	0.901	11.61	-0.00	0.719	0.441	0.592	0.00	0.00	0.00
268	13	0.902	11.61	-0.00	0.719	0.441	0.592	0.00	0.00	0.00
268	14	0.902	11.61	-0.00	0.719	0.441	0.592	0.00	0.00	0.00
269	1	0.902	31	-0.00	0.573	0.349	0.620	0.00	0.00	0.00
269	2	0.902	-2.11	-0.00	0.536	0.426	0.592	0.00	0.00	0.00
269	3	0.902	-1.35	-0.00	0.510	0.469	0.592	0.00	0.00	0.00
269	4	0.902	-1.35	-0.00	0.492	0.513	0.592	0.00	0.00	0.00
269	5	0.902	0.07	-0.00	0.492	0.513	0.592	0.00	0.00	0.00
269	6	0.902	0.58	-0.00	0.492	0.513	0.592	0.00	0.00	0.00
269	7	0.901	1.56	-0.00	0.492	0.513	0.592	0.00	0.00	0.00
269	8	0.903	3.56	-0.00	0.505	0.436	0.592	0.00	0.00	0.00
269	9	0.902	11.61	-0.00	0.536	0.436	0.592	0.00	0.00	0.00

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{p_c}	$C_{p_{b1}}$	$C_{p_{b2}}$	ΔC_{A_c}	ΔC_{A_b}	C_{A_u}
270	4	0.700	-4.57	0.00	0.727	0.376	0.432	0.197	0.261	0.513
270	5	0.701	-2.47	0.00	0.648	0.423	0.482	0.233	0.319	0.504
270	6	0.702	-1.53	-0.00	0.631	0.495	0.535	0.227	0.330	0.505
270	7	0.700	-1.04	-0.00	0.616	0.527	0.545	0.222	0.349	0.510
270	8	0.701	-0.56	-0.00	0.599	0.546	0.545	0.215	0.377	0.516
270	9	0.701	-0.06	-0.00	0.594	0.543	0.549	0.213	0.409	0.525
270	10	0.700	0.45	0.00	0.595	0.527	0.489	0.220	0.375	0.527
270	11	0.701	1.54	0.00	0.695	0.432	0.436	0.250	0.277	0.405
270	12	0.701	3.47	0.00	0.695	0.432	0.436	0.250	0.277	0.405
271	1	0.700	-4.57	0.00	0.543	0.376	0.350	0.197	0.261	0.513
271	2	0.700	-2.47	0.00	0.525	0.423	0.411	0.233	0.319	0.504
271	3	0.701	-1.53	-0.00	0.496	0.495	0.411	0.227	0.330	0.505
271	4	0.701	-1.04	-0.00	0.474	0.527	0.411	0.222	0.349	0.510
271	5	0.701	-0.56	-0.00	0.474	0.546	0.411	0.215	0.377	0.516
271	6	0.702	-0.07	-0.00	0.480	0.543	0.411	0.213	0.409	0.525
271	7	0.702	0.45	-0.00	0.521	0.527	0.350	0.220	0.375	0.527
271	8	0.702	1.54	-0.00	0.554	0.432	0.350	0.250	0.277	0.405
271	9	0.701	3.47	-0.00	0.554	0.432	0.350	0.250	0.277	0.405
271	10	0.701	11.46	0.00	0.511	0.327	0.255	0.197	0.261	0.513
271	11	0.701	11.46	0.00	0.511	0.327	0.255	0.197	0.261	0.513
271	12	0.701	11.46	0.00	0.511	0.327	0.255	0.197	0.261	0.513
272	1	0.700	-4.57	0.00	0.473	0.376	0.350	0.197	0.261	0.513
272	2	0.701	-2.47	-0.00	0.416	0.423	0.350	0.233	0.319	0.504
272	3	0.701	-1.53	-0.00	0.401	0.495	0.350	0.227	0.330	0.505
272	4	0.700	-1.04	-0.00	0.395	0.527	0.350	0.222	0.349	0.510
272	5	0.701	-0.56	-0.00	0.395	0.546	0.350	0.215	0.377	0.516
272	6	0.700	-0.07	-0.00	0.395	0.543	0.350	0.213	0.409	0.525
272	7	0.701	0.45	-0.00	0.401	0.527	0.350	0.220	0.375	0.527
272	8	0.701	1.54	-0.00	0.401	0.432	0.350	0.250	0.277	0.405
272	9	0.701	3.47	-0.00	0.401	0.432	0.350	0.250	0.277	0.405
273	1	0.702	-4.57	0.00	0.101	0.376	0.120	0.197	0.261	0.513
273	2	0.701	-2.47	0.00	0.096	0.423	0.120	0.233	0.319	0.504
273	3	0.701	-1.53	0.00	0.097	0.495	0.120	0.227	0.330	0.505
273	4	0.702	-1.04	0.00	0.097	0.527	0.120	0.222	0.349	0.510
273	5	0.701	-0.56	0.00	0.097	0.546	0.120	0.215	0.377	0.516
273	6	0.701	-0.07	0.00	0.097	0.543	0.120	0.213	0.409	0.525
273	7	0.701	0.45	0.00	0.097	0.527	0.120	0.220	0.375	0.527
273	8	0.701	1.54	0.00	0.097	0.432	0.120	0.250	0.277	0.405
273	9	0.701	3.47	0.00	0.097	0.432	0.120	0.250	0.277	0.405
273	10	0.701	11.46	0.00	0.097	0.327	0.120	0.250	0.277	0.405
273	11	0.701	11.46	0.00	0.097	0.327	0.120	0.250	0.277	0.405
273	12	0.701	11.46	0.00	0.097	0.327	0.120	0.250	0.277	0.405

TABLE IV
BALANCE CAVITY AND BASE PRESSURE COEFFICIENTS AND INCREMENTAL
AXIAL FORCE COEFFICIENTS

Run	Pt	M_c	α	ϕ_A	C_{Pc}	C_{Pb1}	C_{Pb2}	ΔC_{Ac}	ΔC_{Ab}	C_{Au}
273	9	0.700	3.49	0.00	-0.100	-0.130	-0.143	-0.0333	-0.0875	0.2370
273	10	0.702	3.50	0.00	-0.100	-0.131	-0.139	-0.0361	-0.0865	0.2370
273	11	0.701	5.33	0.00	-0.105	-0.134	-0.147	-0.0380	-0.0901	0.2370
273	12	0.702	7.38	0.00	-0.111	-0.150	-0.159	-0.0402	-0.0989	0.2370
273	13	0.701	9.46	0.00	-0.124	-0.155	-0.170	-0.0499	-0.1040	0.2370
273	14	0.702	11.51	0.00	-0.153	-0.187	-0.200	-0.0553	-0.1240	0.2370
273	15	0.702	-0.54	0.00	-0.094	-0.124	-0.141	-0.0339	-0.0843	0.2370

KEY TO TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd										
			M_c	α	ϕ_A							
6												
7			C_{NT1}	$C_{HM_{T1}}$	$C_{BM_{T1}}$	CPX_{T1}	CPY_{T1}	C_{NT2}	CHM_{T2}	$C_{BM_{T2}}$	CPX_{T2}	CPY_{T2}
8			C_{NT3}	$C_{HM_{T3}}$	$C_{BM_{T3}}$	CPX_{T3}	CPY_{T3}	C_{NT4}	CHM_{T4}	$C_{BM_{T4}}$	CPX_{T4}	CPY_{T4}

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key															
34	4	6	1.207	-0.0074	-0.0013	-4.32	-0.0024	0.1418	1.6671	-0.0159	-0.0146	-0.0065	4.5627	2.0609	2.0609	2.0609	2.0609	2.0609
		8	0.0148	-0.0001	-0.0003	-0.0001	0.0059	-0.4440	1.9948	0.0319	0.0153	0.0105	2.026	1.6566	1.6566	1.6566	1.6566	1.6566
34	5	6	1.206	-0.0054	-0.0003	-2.34	-0.0021	0.103	1.9527	-0.0323	-0.0052	-0.0114	0.6194	1.7673	1.7673	1.7673	1.7673	1.7673
		8	0.0012	-0.0001	-0.0001	-0.0001	0.0007	-1.2286	-2.9562	0.0317	0.0079	0.0096	1.2459	1.5216	1.5216	1.5216	1.5216	1.5216
34	6	6	1.207	-0.0055	-0.0002	-1.41	-0.0022	-0.0001	2.0253	-0.0196	-0.0025	-0.0071	0.6532	1.6159	1.6159	1.6159	1.6159	1.6159
		8	0.0018	-0.0001	-0.0001	-0.0001	0.0015	-0.7293	4.0570	0.0206	0.0043	0.0061	1.0671	1.4921	1.4921	1.4921	1.4921	1.4921
34	7	6	1.206	-0.0042	-0.0001	-0.85	-0.0018	-0.2309	2.2119	-0.0106	-0.0014	-0.0035	0.6721	1.6749	1.6749	1.6749	1.6749	1.6749
		8	0.0003	-0.0001	-0.0001	-0.0001	0.0012	1.0129	16.8298	0.0128	0.0026	0.0036	1.0484	1.4330	1.4330	1.4330	1.4330	1.4330
34	8	6	1.206	-0.0047	-0.0001	-0.25	-0.0018	-0.1227	1.9704	-0.0006	-0.0004	-0.0002	3.0503	1.6532	1.6532	1.6532	1.6532	1.6532
		8	0.0004	-0.0001	-0.0001	-0.0001	0.0012	-0.8290	-12.6611	0.0039	0.0010	0.0009	1.2676	1.2509	1.2509	1.2509	1.2509	1.2509
34	9	6	1.206	-0.0065	-0.0004	-0.10	-0.0023	-0.3208	1.7703	0.0060	-0.0001	0.0021	9.0949	1.7430	1.7430	1.7430	1.7430	1.7430
		8	0.0029	-0.0001	-0.0001	-0.0001	0.0025	-0.1395	4.4225	-0.0003	-0.0002	0.0000	3.0245	-0.0183	-0.0183	-0.0183	-0.0183	-0.0183
34	10	6	1.206	-0.0036	-0.0012	-0.64	-0.0009	-1.6623	1.3134	0.0157	0.0008	0.0052	0.2818	1.6936	1.6936	1.6936	1.6936	1.6936
		8	0.0032	-0.0001	-0.0001	-0.0001	0.0027	-1.0879	4.3034	-0.0094	-0.0011	-0.0035	0.6230	1.6750	1.6750	1.6750	1.6750	1.6750
34	11	6	1.205	-0.0041	-0.0004	-1.64	-0.0008	-0.3367	0.9969	0.0321	0.0033	0.0106	0.5235	1.6507	1.6507	1.6507	1.6507	1.6507
		8	0.0045	-0.0001	-0.0001	-0.0001	0.0027	-0.4453	3.0466	-0.0245	-0.0034	-0.0089	0.6995	1.6227	1.6227	1.6227	1.6227	1.6227
34	12	6	1.205	-0.0222	-0.0004	-3.68	-0.0071	-0.2038	1.5974	0.0302	0.0133	0.0103	2.2021	1.7153	1.7153	1.7153	1.7153	1.7153
		8	0.0057	-0.0001	-0.0001	-0.0001	0.0030	-0.3593	2.6544	-0.0632	-0.0054	-0.0222	0.4345	1.7623	1.7623	1.7623	1.7623	1.7623
35	1	6	1.205	-0.0070	-0.0004	-4.22	-0.0029	-0.3418	2.1016	-0.0613	-0.0092	-0.0212	0.7570	1.7322	1.7322	1.7322	1.7322	1.7322
		8	0.0134	-0.0001	-0.0001	-0.0001	0.0061	-0.9508	2.2975	0.1016	0.0019	0.0343	0.0942	1.6673	1.6673	1.6673	1.6673	1.6673
35	2	6	1.206	-0.0043	-0.0001	-2.29	-0.0021	-0.8915	2.4323	-0.0496	-0.0009	-0.0169	0.0997	1.7078	1.7078	1.7078	1.7078	1.7078
		8	0.0028	-0.0001	-0.0001	-0.0001	0.0021	0.2240	3.6829	0.0477	0.0040	0.0158	0.4243	1.6641	1.6641	1.6641	1.6641	1.6641

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
35	3	6	1.203	-1.27	-0.0025	-0.0000	2.1854	-0.0243	-0.0007	-0.0086	0.1638	1.7664
		7	-0.0058	0.0003	-0.0029	-0.4036	2.6919	0.0282	0.0018	0.0095	0.3184	1.6922
		8	0.0054	0.0003	0.0029	0.3554						
35	4	6	1.205	-0.77	-0.0028	-0.0000	1.9726	-0.0124	-0.0005	-0.0047	0.2377	1.9144
		7	-0.0071	0.0003	-0.0031	-0.2688	2.5202	0.0179	0.0011	0.0059	0.3198	1.6700
		8	0.0062	0.0000	0.0031	0.0611						
35	5	6	1.205	-0.24	-0.0028	-0.0000	2.7051	-0.0004	-0.0005	0.0000	6.6410	-0.0178
		7	-0.0051	0.0010	-0.0030	-1.0157	2.4693	0.0052	0.0002	0.0019	0.2115	-1.8624
		8	0.0061	-0.0003	0.0030	-0.2566						
35	6	6	1.204	0.09	-0.0025	-0.0000	2.4556	0.0070	-0.0004	0.0022	-0.4524	1.5942
		7	-0.0052	0.0008	-0.0029	-0.8254	2.6231	-0.0028	-0.0002	-0.0007	-0.2898	1.3974
		8	0.0056	-0.0005	0.0029	-0.4545						
35	7	6	1.204	0.60	-0.0026	-0.0000	2.1291	0.0206	0.0000	0.0066	0.0190	1.6051
		7	-0.0062	0.0003	-0.0031	-0.2499	2.4605	-0.0148	-0.0006	-0.0049	0.2263	1.6522
		8	0.0064	-0.0003	0.0031	0.2499						
35	8	6	1.203	1.70	-0.0024	-0.0117	1.9922	0.0460	0.0005	0.0149	0.0625	1.6251
		7	-0.0060	0.0000	-0.0030	-0.1674	2.3083	-0.0382	-0.0006	-0.0129	0.0803	1.6511
		8	0.0065	-0.0002	0.0030	0.1674						
35	9	6	1.203	3.71	-0.0022	-0.0000	1.8943	0.0789	0.0049	0.0265	0.3125	1.6795
		7	-0.0058	0.0007	-0.0032	0.6860	2.1866	-0.0700	-0.0036	-0.0246	0.2608	1.7593
		8	0.0074	0.0001	0.0032	0.1088						
36	14	6	1.204	-4.21	-0.0019	-0.0064	1.8479	-0.1014	0.0021	-0.0345	-0.1038	1.7038
		7	-0.0071	0.0000	-0.0019	-0.0067	3.6703	0.1124	-0.0021	0.0368	-0.0937	1.6382
		8	0.0026	-0.0000	0.0019	0.1227						
36	15	6	1.203	-2.35	-0.0031	-0.1230	1.9643	-0.0546	0.0001	-0.0179	-0.0188	1.6424
		7	-0.0075	0.0001	-0.0031	-0.2566	2.4693	0.0614	-0.0001	0.0198	-0.0088	1.6186
		8	0.0063	-0.0003	0.0031	0.2566						
36	16	6	1.203	-1.38	-0.0024	-0.0225	1.8974	-0.0275	-0.0003	-0.0097	0.0630	1.7690
		7	-0.0065	0.0002	-0.0029	-0.2225	2.5032	0.0334	0.0006	0.0106	0.0986	1.5969
		8	0.0059	-0.0005	0.0029	-0.4355						
36	17	6	1.204	-0.88	-0.0026	-0.0000	1.9645	-0.0142	-0.0003	-0.0050	0.1276	1.7593
		7	-0.0068	0.0003	-0.0031	-0.2801	2.4828	0.0219	0.0006	0.0068	0.1385	1.5477
		8	0.0064	-0.0005	0.0031	-0.4074						

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key											
36	18	9	1.2092	-0.0020	-0.0025	-0.0028	-0.0034	2.0571	-0.0003	-0.0001	-0.0001	-0.0001	3.0503	1.8538
		8	-0.0058	-0.0005	0.0005	-0.0037	-0.0043	2.4000	-0.0055	-0.0000	-0.0000	-0.0010	-0.0660	1.6409
36	19	9	1.2056	0.0011	-0.0024	-0.0030	-0.0035	2.1692	0.0056	0.0000	0.0000	0.0016	0.0114	1.4743
		8	-0.0060	-0.0007	0.0007	-0.0030	-0.0032	2.5163	-0.0000	-0.0001	-0.0001	0.0000	0.0157	-0.0103
36	20	9	1.2048	0.0073	-0.0023	-0.0028	-0.0041	1.9892	0.0200	0.0001	0.0001	0.0064	0.0469	1.5955
		8	-0.0061	-0.0005	0.0005	-0.0028	-0.0035	2.2953	-0.0146	-0.0005	-0.0005	-0.0050	0.0197	1.7106
36	21	9	1.2044	0.0059	-0.0026	-0.0029	-0.0039	2.0121	0.0437	0.0001	0.0001	0.0142	0.0132	1.6317
		8	-0.0062	-0.0004	0.0004	-0.0029	-0.0035	2.3318	-0.0370	-0.0001	-0.0001	-0.0121	0.0206	1.6420
36	22	9	1.2052	0.0067	-0.0021	-0.0027	-0.0035	2.0782	0.1029	-0.0028	-0.0028	0.0336	-0.0140	1.6351
		8	-0.0062	-0.0004	0.0004	-0.0027	-0.0035	2.2360	-0.0933	0.0028	0.0028	-0.0315	-0.0151	1.6903
37	1	9	1.2063	0.0064	-0.0028	-0.0023	-0.0037	2.2957	0.1123	0.0037	0.0042	0.0368	-0.0167	1.6414
		8	-0.0059	-0.0001	0.0001	-0.0023	-0.0035	1.9519	-0.1167	-0.0042	-0.0042	-0.0368	-0.0180	1.6629
37	2	9	1.2051	0.0025	-0.0024	-0.0027	-0.0035	2.3459	0.0549	-0.0000	-0.0000	-0.0179	0.0069	1.6324
		8	-0.0072	-0.0001	0.0001	-0.0027	-0.0035	1.9234	-0.0586	-0.0000	-0.0000	0.0193	-0.0034	1.6467
37	3	9	1.2054	0.0008	-0.0024	-0.0032	-0.0040	2.6091	0.0277	-0.0008	-0.0008	-0.0093	0.0483	1.6746
		8	-0.0081	-0.0002	0.0002	-0.0032	-0.0040	2.0034	-0.0335	0.0000	0.0000	0.0111	0.0495	1.6596
37	4	9	1.2054	0.0008	-0.0026	-0.0033	-0.0040	2.4421	0.0153	-0.0005	-0.0005	-0.0034	0.0174	1.7585
		8	-0.0079	-0.0003	0.0003	-0.0033	-0.0040	2.1189	-0.0201	0.0002	0.0002	0.0070	0.0522	1.7443
37	5	9	1.2052	0.0019	-0.0025	-0.0031	-0.0040	2.4086	0.0007	-0.0002	-0.0002	-0.0004	1.9705	3.2560
		8	-0.0083	-0.0004	0.0004	-0.0031	-0.0040	1.8822	-0.0053	-0.0001	-0.0001	0.0021	-0.0166	2.0237
37	6	9	1.2053	0.0010	-0.0026	-0.0031	-0.0040	2.4689	0.0068	-0.0002	-0.0002	0.0021	-0.0150	1.5937
		8	-0.0083	-0.0002	0.0002	-0.0031	-0.0040	1.8693	-0.0040	-0.0006	-0.0006	-0.0006	-0.0017	0.8301

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key										
37	7	6	1.204	0.0010	-0.0027	-0.9699	2.5742	0.0174	-0.0001	0.0057	-0.0493	1.5511	
		7	-0.0053	-0.0001	0.0031	-0.0816	1.8341	-0.0141	-0.0004	-0.0044	-0.1715	1.5366	
	8												
37	8	6	1.204	0.0002	-0.0028	-0.0153	2.4853	0.0432	-0.0004	0.0145	-0.0448	1.6062	
		7	-0.0057	-0.0002	0.0028	-0.1442	1.8442	-0.0399	-0.0003	-0.0125	-0.0395	1.5357	
	8												
37	9	6	1.205	0.0002	-0.0026	-0.0991	2.5161	0.1017	-0.0034	0.0328	-0.1697	1.6154	
		7	-0.0052	0.0002	0.0028	0.1427	1.6235	-0.0939	0.0028	-0.0311	-0.1501	1.6154	
	8												
38	1	6	1.206	0.0019	-0.0026	-0.0900	2.9767	-0.1275	0.0056	-0.0425	-0.2209	1.6666	
		7	-0.0044	0.0003	0.0030	-0.1062	1.0506	0.1280	-0.0074	0.0441	-0.2209	1.7238	
	8												
38	2	6	1.206	0.0020	-0.0025	-0.0900	2.9562	-0.0666	0.0006	-0.0218	-0.0459	1.6387	
		7	-0.0043	0.0000	0.0034	-0.0004	1.1483	0.0675	-0.0029	0.0238	-0.2149	1.7604	
	8												
38	3	6	1.205	0.0019	-0.0029	-0.9230	2.8920	-0.0387	-0.0006	-0.0125	0.0846	1.6127	
		7	-0.0050	0.0019	0.0038	-0.0671	1.1853	0.0389	-0.0015	0.0144	-0.1983	1.6591	
	8												
38	4	6	1.206	0.0021	-0.0022	-0.5734	4.7654	-0.0228	-0.0010	-0.0079	0.2341	1.7515	
		7	-0.0023	0.0007	0.0036	-0.2327	1.2126	0.0241	-0.0006	0.0092	-0.1356	1.9035	
	8												
38	5	6	1.205	0.0024	-0.0024	-0.0900	4.2211	-0.0096	-0.0011	-0.0031	0.2929	1.6062	
		7	-0.0029	0.0001	0.0033	-0.0655	1.1129	0.0096	-0.0005	0.0045	-0.2859	1.5324	
	8												
38	6	6	1.205	0.0027	-0.0027	-0.0900	3.5122	-0.0026	-0.0012	-0.0025	2.4093	1.3234	
		7	-0.0038	0.0007	0.0037	-0.2270	1.2092	0.0036	-0.0005	0.0025	-0.7816	1.4636	
	8												
38	7	6	1.204	0.001	-0.0027	-0.0900	4.7032	0.0035	-0.0012	0.0015	-1.7823	2.1869	
		7	-0.0028	0.0026	0.0039	-0.5790	1.2218	-0.0033	-0.0003	0.0001	0.5642	-0.1904	
	8												
38	8	6	1.203	0.0024	-0.0024	-0.0900	5.1522	0.0182	-0.0016	-0.0065	-0.4406	1.7853	
		7	-0.0024	0.0004	0.0040	-0.0000	1.1687	-0.0179	-0.0002	0.0048	-0.0744	1.5505	
	8												

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
38	9	6 8	1.204	1.59	-0.0023	-3.4229	3.7414	0.0479	-0.0017	0.0138	-0.0137	-0.0137	-0.0137	-0.0137	-0.0137	-0.0137	1.5597
			-0.0031	0.0021	0.0038	-0.0659	1.1307	-0.0449	0.0004	-0.0137	-0.0137	-0.0137	-0.0137	-0.0137	-0.0137	-0.0137	1.5260
38	10	6 8	1.205	1.62	-0.0024	-5.0813	5.1522	0.0484	-0.0021	0.0138	-0.0141	-0.0141	-0.0141	-0.0141	-0.0141	-0.0141	1.5367
			-0.00172	0.0002	0.0040	-0.0671	1.1831	-0.0470	0.0003	-0.0141	-0.0141	-0.0141	-0.0141	-0.0141	-0.0141	-0.0141	1.5086
38	11	6 8	1.204	5.68	-0.0027	-4.0808	4.9493	0.1087	-0.0058	0.0359	-0.0359	-0.0359	-0.0359	-0.0359	-0.0359	-0.0359	1.6544
			-0.0027	0.0022	0.0038	0.0206	1.0816	-0.1054	0.0041	-0.0359	-0.0359	-0.0359	-0.0359	-0.0359	-0.0359	-0.0359	1.6202
38	12	6 8	1.204	9.90	-0.0017	0.0050	-96.9364	0.2784	-0.0199	0.0942	-0.0909	-0.0909	-0.0909	-0.0909	-0.0909	-0.0909	1.6927
			0.0000	0.0018	0.0050	0.0267	1.1625	-0.2691	0.0177	-0.0909	-0.0909	-0.0909	-0.0909	-0.0909	-0.0909	-0.0909	1.6899
38	13	6 8	1.204	9.73	-0.0015	0.0050	-5.1754	0.2726	-0.0196	0.0924	-0.0890	-0.0890	-0.0890	-0.0890	-0.0890	-0.0890	1.6954
			0.0014	0.0020	0.0050	0.0517	1.1831	-0.2643	0.0172	-0.0890	-0.0890	-0.0890	-0.0890	-0.0890	-0.0890	-0.0890	1.6851
39	1	6 7 8	1.005	-4.30	-0.0024	-0.0850	3.2547	-0.0595	-0.0070	0.0209	-0.0209	-0.0209	-0.0209	-0.0209	-0.0209	-0.0209	1.7622
			-0.0054	0.0000	0.0011	1.2459	3.1995	0.0644	0.0085	-0.0209	-0.0209	-0.0209	-0.0209	-0.0209	-0.0209	-0.0209	1.6232
39	2	6 7 8	1.007	-2.38	-0.0019	0.1422	2.0891	-0.0336	-0.0039	0.0125	-0.0125	-0.0125	-0.0125	-0.0125	-0.0125	-0.0125	1.8366
			-0.0045	0.0013	0.0020	2.1502	3.3316	0.0381	0.0054	-0.0125	-0.0125	-0.0125	-0.0125	-0.0125	-0.0125	-0.0125	1.5798
39	3	6 7 8	1.004	-1.40	-0.0015	0.3143	1.9637	-0.0161	-0.0018	0.0065	-0.0065	-0.0065	-0.0065	-0.0065	-0.0065	-0.0065	2.0267
			-0.0039	0.0008	0.0019	5.8371	12.6716	0.0231	0.0032	-0.0065	-0.0065	-0.0065	-0.0065	-0.0065	-0.0065	-0.0065	1.5699
39	4	6 7 8	1.004	-0.90	-0.0017	0.4542	1.7272	-0.0096	-0.0012	0.0048	-0.0048	-0.0048	-0.0048	-0.0048	-0.0048	-0.0048	2.3459
			-0.0052	0.0004	0.0012	2.3573	4.2663	0.0169	0.0024	-0.0048	-0.0048	-0.0048	-0.0048	-0.0048	-0.0048	-0.0048	1.4449
39	5	6 7 8	1.005	-0.29	-0.0020	0.5101	1.5141	-0.0010	-0.0000	0.0013	-0.0013	-0.0013	-0.0013	-0.0013	-0.0013	-0.0013	6.6154
			-0.0067	0.0006	0.0024	1.9586	4.9670	0.0076	0.0011	-0.0013	-0.0013	-0.0013	-0.0013	-0.0013	-0.0013	-0.0013	1.4330
39	6	6 7 8	1.005	0.16	-0.0016	0.5411	1.5386	0.0050	0.0003	0.0009	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009	0.9653
			-0.0052	0.0008	0.0024	1.6397	4.7309	0.0025	0.0007	0.0009	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009	0.7889

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key															
39	7	9	1.004	-0.0004	-0.0006	-0.0018	-0.0025	-0.0033	0.4860	-0.2240	1.6062	0.0114	-0.0041	-0.0011	0.0030	0.0018	0.4810	1.3333
		8	-0.0025	0.0006	0.0006	0.0025	0.0025	0.0033	1.2240	1.2240	5.1448	-0.0041	-0.0011	-0.0011	-0.0018	-0.0018	0.0511	2.2552
39	8	9	1.006	-0.0006	-0.0006	-0.0018	-0.0025	-0.0033	0.4860	-0.2240	1.5877	0.0252	-0.0016	0.0028	0.0073	0.0057	0.5602	1.4580
		8	-0.0024	0.0006	0.0006	0.0025	0.0025	0.0033	1.2240	1.2240	5.1448	-0.0166	-0.0016	-0.0016	-0.0057	-0.0057	0.5026	1.7293
39	9	9	1.003	-0.0003	-0.0003	-0.0018	-0.0024	-0.0033	0.4860	-0.2240	1.7312	0.0550	-0.0059	0.0059	0.0170	0.0155	0.5402	1.5517
		8	-0.0023	0.0004	0.0004	0.0024	0.0024	0.0033	0.8431	0.8431	4.1412	-0.0452	-0.0046	-0.0046	-0.0155	-0.0155	0.5160	1.7156
40	1	9	1.005	-0.0005	-0.0005	-0.0026	-0.0030	-0.0035	0.4860	-0.2240	1.8995	-0.0654	-0.0070	0.0070	0.0225	0.0225	0.5391	1.7261
		8	-0.0038	0.0008	0.0008	0.0030	0.0030	0.0035	1.0877	1.0877	3.9405	0.0742	-0.0068	-0.0068	-0.0240	-0.0240	0.5928	1.6223
40	2	9	1.006	-0.0006	-0.0006	-0.0022	-0.0022	-0.0022	0.4860	-0.2240	2.0168	-0.0355	-0.0041	0.0054	0.0128	0.0128	0.5831	1.8024
		8	-0.0017	0.0008	0.0008	0.0022	0.0022	0.0022	2.5831	2.5831	6.5157	0.0419	0.0054	0.0054	-0.0128	-0.0128	0.6451	1.6029
40	3	9	1.002	-0.0002	-0.0002	-0.0023	-0.0025	-0.0025	0.4860	-0.2240	1.9694	-0.0196	-0.0022	0.0035	0.0075	0.0075	0.5839	1.9120
		8	-0.0024	0.0007	0.0007	0.0025	0.0025	0.0025	1.5313	1.5313	5.1042	0.0251	-0.0035	-0.0035	-0.0075	-0.0075	0.6761	1.6201
40	4	9	1.004	-0.0004	-0.0004	-0.0019	-0.0022	-0.0022	0.4860	-0.2240	1.8163	-0.0121	-0.0015	0.0026	0.0049	0.0049	0.6540	2.0472
		8	-0.0053	0.0005	0.0005	0.0022	0.0022	0.0022	0.3644	0.3644	6.3003	0.0183	-0.0026	-0.0026	-0.0058	-0.0058	0.7369	1.6037
40	5	9	1.006	-0.0006	-0.0006	-0.0020	-0.0022	-0.0022	0.4860	-0.2240	1.5868	-0.0012	-0.0002	0.0017	0.0023	0.0023	0.8454	5.6006
		8	-0.0024	0.0005	0.0005	0.0022	0.0022	0.0022	1.0837	1.0837	4.6275	0.0080	-0.0017	-0.0017	-0.0023	-0.0023	1.0998	1.4338
40	6	9	1.005	-0.0005	-0.0005	-0.0022	-0.0025	-0.0025	0.4860	-0.2240	1.7428	0.0046	0.0002	0.0005	0.0005	0.0005	0.3100	9.6118
		8	-0.0028	0.0003	0.0003	0.0025	0.0025	0.0025	0.6948	0.6948	4.4242	0.0012	0.0005	0.0005	0.0005	0.0005	2.2621	2.1768
40	7	9	1.004	-0.0004	-0.0004	-0.0019	-0.0023	-0.0023	0.4860	-0.2240	1.7532	-0.0130	-0.0011	0.0011	0.0035	0.0035	0.4277	1.3607
		8	-0.0055	0.0007	0.0007	0.0023	0.0023	0.0023	1.0905	1.0905	3.4575	-0.0069	-0.0011	-0.0011	-0.0023	-0.0023	0.3525	1.6751
40	8	9	1.004	-0.0004	-0.0004	-0.0023	-0.0027	-0.0027	0.4860	-0.2240	1.7453	0.0280	-0.0024	0.0030	0.0062	0.0062	0.5417	1.4682
		8	-0.0067	0.0005	0.0005	0.0027	0.0027	0.0027	0.7540	0.7540	4.1868	-0.0280	-0.0024	-0.0024	-0.0062	-0.0062	0.5819	1.6462

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
40	9	6 8	1.004 -0.0065 0.0031	-0.0007 0.0000 0.0000	-0.0023 0.0029 0.0029	-0.0438 0.0422 0.0422	1.7964 4.5972 0.0625	0.0067 -0.0055 -0.0055	0.0196 -0.0177 -0.0177	0.5431 0.5142 0.5142	1.5738 1.5738 1.5738						
41	1	6 7 8	1.004 -0.0049 0.0011	-0.0002 0.0005 0.0005	-0.0019 0.0019 0.0019	-0.2359 0.2345 2.3459	2.0062 8.4876 0.0743	-0.0083 0.0100 -0.0100	0.0256 0.0270 0.0270	0.5596 0.6030 0.6030	1.7215 1.6304 1.6304						
41	2	5 7 8	1.004 -0.0068 0.0036	-0.0004 0.0008 0.0008	-0.0026 0.0028 0.0028	-0.3557 0.3557 1.1907	1.9335 3.8814 0.0387	-0.0048 0.0061 -0.0061	0.0138 0.0148 0.0148	0.6294 0.6852 0.6852	1.7863 1.6553 1.6553						
41	3	6 7 8	1.003 -0.0060 0.0039	-0.0003 0.0008 0.0008	-0.0025 0.0028 0.0028	-0.3103 0.3103 1.0899	2.0836 3.5643 0.0204	-0.0027 0.0037 -0.0037	0.0076 0.0086 0.0086	0.6758 0.7576 0.7576	1.8744 1.7274 1.7274						
41	4	6 7 8	1.001 -0.0053 0.0030	-0.0003 0.0005 0.0005	-0.0023 0.0027 0.0027	-0.3492 0.3492 0.8386	2.1997 4.6314 0.0127	-0.0019 0.0027 -0.0027	0.0049 0.0058 0.0058	0.7615 0.8106 0.8106	1.9532 1.7580 1.7580						
41	5	6 7 8	1.001 -0.0053 0.0025	-0.0003 0.0004 0.0004	-0.0019 0.0023 0.0023	-0.3644 0.3644 0.7913	1.8163 4.6309 0.0022	-0.0004 0.0013 -0.0013	0.0016 0.0026 0.0026	0.9610 0.9845 0.9845	3.7467 1.9460 1.9460						
41	6	6 7 8	1.000 -0.0063 0.0023	-0.0002 0.0002 0.0002	-0.0023 0.0025 0.0025	-0.4694 0.4694 0.6028	1.8506 5.4024 0.0031	0.0001 0.0002 0.0002	0.0005 0.0005 0.0005	0.2975 -1.8898 -1.8898	0.8874 -4.5716 -4.5716						
41	7	6 7 8	1.001 -0.0064 0.0028	-0.0004 0.0004 0.0004	-0.0024 0.0025 0.0025	-0.3722 0.3722 0.6948	1.9214 4.4242 0.0127	0.0013 -0.0009 -0.0009	0.0036 -0.0024 -0.0024	0.5308 0.5466 0.5466	1.4421 1.4169 1.4169						
41	8	6 7 8	1.002 -0.0063 0.0026	-0.0005 0.0002 0.0002	-0.0023 0.0024 0.0024	-0.4694 0.4694 0.5248	1.8506 4.7487 0.0287	0.0032 -0.0028 -0.0028	0.0067 -0.0070 -0.0070	0.5616 0.6385 0.6385	1.5154 1.5802 1.5802						
41	9	6 7 8	1.001 -0.0066 0.0033	-0.0008 0.0001 0.0001	-0.0022 0.0027 0.0027	-0.6109 0.6109 0.2164	1.6435 4.1154 0.0722	0.0079 -0.0066 -0.0066	0.0228 -0.0213 -0.0213	0.5530 0.5073 0.5073	1.5827 1.6295 1.6295						
42	1	5 7 8	1.003 -0.0045 0.0021	-0.0003 0.0007 0.0007	-0.0026 0.0019 0.0019	-0.3439 -0.3439 -1.7624	2.9066 4.4804 0.0902	-0.0068 -0.0079 -0.0079	0.0310 0.0335 0.0335	0.4893 0.4020 0.4020	1.7313 1.6997 1.6997						

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
42	2	6 7 8	-0.0049 0.0047 0.0011	-2.46 0.000 0.0011	-0.0026 0.0029 0.0000	-0.0026 0.0029 0.0000	-0.0026 0.0029 0.0000	-0.0026 0.0029 0.0000	-0.0026 0.0029 0.0000	-0.0026 0.0029 0.0000	-0.0026 0.0029 0.0000	-0.0026 0.0029 0.0000	-0.0026 0.0029 0.0000	-0.0026 0.0029 0.0000	-0.0026 0.0029 0.0000	-0.0026 0.0029 0.0000	-0.0026 0.0029 0.0000
42	3	6 7 8	1.000 -0.0051 0.0059	-1.37 0.000 0.0012	-0.0025 0.0033 0.0000	-0.0025 0.0033 0.0000	-0.0025 0.0033 0.0000	-0.0025 0.0033 0.0000	-0.0025 0.0033 0.0000	-0.0025 0.0033 0.0000	-0.0025 0.0033 0.0000	-0.0025 0.0033 0.0000	-0.0025 0.0033 0.0000	-0.0025 0.0033 0.0000	-0.0025 0.0033 0.0000	-0.0025 0.0033 0.0000	-0.0025 0.0033 0.0000
42	4	6 7 8	1.001 -0.0044 0.0055	-0.94 0.000 0.0010	-0.0026 0.0030 0.0000	-0.0026 0.0030 0.0000	-0.0026 0.0030 0.0000	-0.0026 0.0030 0.0000	-0.0026 0.0030 0.0000	-0.0026 0.0030 0.0000	-0.0026 0.0030 0.0000	-0.0026 0.0030 0.0000	-0.0026 0.0030 0.0000	-0.0026 0.0030 0.0000	-0.0026 0.0030 0.0000	-0.0026 0.0030 0.0000	-0.0026 0.0030 0.0000
42	5	6 7 8	1.001 -0.0059 0.0061	-0.29 0.000 0.0010	-0.0024 0.0033 0.0000	-0.0024 0.0033 0.0000	-0.0024 0.0033 0.0000	-0.0024 0.0033 0.0000	-0.0024 0.0033 0.0000	-0.0024 0.0033 0.0000	-0.0024 0.0033 0.0000	-0.0024 0.0033 0.0000	-0.0024 0.0033 0.0000	-0.0024 0.0033 0.0000	-0.0024 0.0033 0.0000	-0.0024 0.0033 0.0000	-0.0024 0.0033 0.0000
42	6	6 7 8	1.002 -0.0050 0.0054	0.09 0.000 0.0008	-0.0023 0.0030 0.0000	-0.0023 0.0030 0.0000	-0.0023 0.0030 0.0000	-0.0023 0.0030 0.0000	-0.0023 0.0030 0.0000	-0.0023 0.0030 0.0000	-0.0023 0.0030 0.0000	-0.0023 0.0030 0.0000	-0.0023 0.0030 0.0000	-0.0023 0.0030 0.0000	-0.0023 0.0030 0.0000	-0.0023 0.0030 0.0000	-0.0023 0.0030 0.0000
42	7	6 7 8	1.003 -0.0056 0.0049	0.55 0.000 0.0007	-0.0026 0.0027 0.0000	-0.0026 0.0027 0.0000	-0.0026 0.0027 0.0000	-0.0026 0.0027 0.0000	-0.0026 0.0027 0.0000	-0.0026 0.0027 0.0000	-0.0026 0.0027 0.0000	-0.0026 0.0027 0.0000	-0.0026 0.0027 0.0000	-0.0026 0.0027 0.0000	-0.0026 0.0027 0.0000	-0.0026 0.0027 0.0000	-0.0026 0.0027 0.0000
42	8	6 7 8	1.002 -0.0052 0.0054	1.54 0.000 0.0008	-0.0023 0.0030 0.0000	-0.0023 0.0030 0.0000	-0.0023 0.0030 0.0000	-0.0023 0.0030 0.0000	-0.0023 0.0030 0.0000	-0.0023 0.0030 0.0000	-0.0023 0.0030 0.0000	-0.0023 0.0030 0.0000	-0.0023 0.0030 0.0000	-0.0023 0.0030 0.0000	-0.0023 0.0030 0.0000	-0.0023 0.0030 0.0000	-0.0023 0.0030 0.0000
42	9	6 7 8	1.002 -0.0054 0.0062	3.65 0.000 0.0007	-0.0019 0.0031 0.0000	-0.0019 0.0031 0.0000	-0.0019 0.0031 0.0000	-0.0019 0.0031 0.0000	-0.0019 0.0031 0.0000	-0.0019 0.0031 0.0000	-0.0019 0.0031 0.0000	-0.0019 0.0031 0.0000	-0.0019 0.0031 0.0000	-0.0019 0.0031 0.0000	-0.0019 0.0031 0.0000	-0.0019 0.0031 0.0000	-0.0019 0.0031 0.0000
43	1	6 7 8	1.000 -0.0037 0.0135	-4.59 0.000 0.0008	-0.0028 0.0034 0.0000	-0.0028 0.0034 0.0000	-0.0028 0.0034 0.0000	-0.0028 0.0034 0.0000	-0.0028 0.0034 0.0000	-0.0028 0.0034 0.0000	-0.0028 0.0034 0.0000	-0.0028 0.0034 0.0000	-0.0028 0.0034 0.0000	-0.0028 0.0034 0.0000	-0.0028 0.0034 0.0000	-0.0028 0.0034 0.0000	-0.0028 0.0034 0.0000
43	2	6 7 8	1.001 -0.0037 0.0140	-2.58 0.000 0.0006	-0.0028 0.0038 0.0000	-0.0028 0.0038 0.0000	-0.0028 0.0038 0.0000	-0.0028 0.0038 0.0000	-0.0028 0.0038 0.0000	-0.0028 0.0038 0.0000	-0.0028 0.0038 0.0000	-0.0028 0.0038 0.0000	-0.0028 0.0038 0.0000	-0.0028 0.0038 0.0000	-0.0028 0.0038 0.0000	-0.0028 0.0038 0.0000	-0.0028 0.0038 0.0000
43	3	6 7 8	1.003 -0.0033 0.0158	-1.58 0.000 0.0011	-0.0028 0.0044 0.0000	-0.0028 0.0044 0.0000	-0.0028 0.0044 0.0000	-0.0028 0.0044 0.0000	-0.0028 0.0044 0.0000	-0.0028 0.0044 0.0000	-0.0028 0.0044 0.0000	-0.0028 0.0044 0.0000	-0.0028 0.0044 0.0000	-0.0028 0.0044 0.0000	-0.0028 0.0044 0.0000	-0.0028 0.0044 0.0000	-0.0028 0.0044 0.0000

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
43	4	6	1.001	-0.0030	-0.0014	-0.0030	-0.0014	-0.0030	-0.0014	-0.0030	-0.0014	-0.0030	-0.0014	-0.0030	-0.0014	-0.0030	-0.0014
		7	0.0037	0.0040	0.0014	0.0030	0.0040	0.0014	0.0030	0.0040	0.0014	0.0030	0.0040	0.0014	0.0030	0.0040	0.0014
		8	0.0156	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014
43	5	6	1.002	-0.0032	-0.0015	-0.0032	-0.0015	-0.0032	-0.0015	-0.0032	-0.0015	-0.0032	-0.0015	-0.0032	-0.0015	-0.0032	-0.0015
		7	0.0053	0.0016	0.0015	0.0016	0.0015	0.0016	0.0015	0.0016	0.0015	0.0016	0.0015	0.0016	0.0015	0.0016	0.0015
		8	0.0161	0.0042	0.0015	0.0042	0.0015	0.0042	0.0015	0.0042	0.0015	0.0042	0.0015	0.0042	0.0015	0.0042	0.0015
43	6	6	1.004	-0.0030	-0.0011	-0.0030	-0.0011	-0.0030	-0.0011	-0.0030	-0.0011	-0.0030	-0.0011	-0.0030	-0.0011	-0.0030	-0.0011
		7	0.0047	0.0041	0.0011	0.0041	0.0011	0.0041	0.0011	0.0041	0.0011	0.0041	0.0011	0.0041	0.0011	0.0041	0.0011
		8	0.0149	0.0041	0.0011	0.0041	0.0011	0.0041	0.0011	0.0041	0.0011	0.0041	0.0011	0.0041	0.0011	0.0041	0.0011
43	7	6	1.002	-0.0027	-0.0011	-0.0027	-0.0011	-0.0027	-0.0011	-0.0027	-0.0011	-0.0027	-0.0011	-0.0027	-0.0011	-0.0027	-0.0011
		7	0.0041	0.0039	0.0011	0.0039	0.0011	0.0039	0.0011	0.0039	0.0011	0.0039	0.0011	0.0039	0.0011	0.0039	0.0011
		8	0.0146	0.0039	0.0011	0.0039	0.0011	0.0039	0.0011	0.0039	0.0011	0.0039	0.0011	0.0039	0.0011	0.0039	0.0011
43	8	6	1.002	-0.0025	-0.0010	-0.0025	-0.0010	-0.0025	-0.0010	-0.0025	-0.0010	-0.0025	-0.0010	-0.0025	-0.0010	-0.0025	-0.0010
		7	0.0033	0.0038	0.0010	0.0038	0.0010	0.0038	0.0010	0.0038	0.0010	0.0038	0.0010	0.0038	0.0010	0.0038	0.0010
		8	0.0141	0.0038	0.0010	0.0038	0.0010	0.0038	0.0010	0.0038	0.0010	0.0038	0.0010	0.0038	0.0010	0.0038	0.0010
43	9	6	1.000	-0.0027	-0.0018	-0.0027	-0.0018	-0.0027	-0.0018	-0.0027	-0.0018	-0.0027	-0.0018	-0.0027	-0.0018	-0.0027	-0.0018
		7	0.0041	0.0035	0.0018	0.0035	0.0018	0.0035	0.0018	0.0035	0.0018	0.0035	0.0018	0.0035	0.0018	0.0035	0.0018
		8	0.0131	0.0035	0.0018	0.0035	0.0018	0.0035	0.0018	0.0035	0.0018	0.0035	0.0018	0.0035	0.0018	0.0035	0.0018
43	10	6	1.001	-0.0027	-0.0011	-0.0027	-0.0011	-0.0027	-0.0011	-0.0027	-0.0011	-0.0027	-0.0011	-0.0027	-0.0011	-0.0027	-0.0011
		7	0.0041	0.0039	0.0011	0.0039	0.0011	0.0039	0.0011	0.0039	0.0011	0.0039	0.0011	0.0039	0.0011	0.0039	0.0011
		8	0.0148	0.0039	0.0011	0.0039	0.0011	0.0039	0.0011	0.0039	0.0011	0.0039	0.0011	0.0039	0.0011	0.0039	0.0011
43	11	6	1.003	-0.0027	-0.0014	-0.0027	-0.0014	-0.0027	-0.0014	-0.0027	-0.0014	-0.0027	-0.0014	-0.0027	-0.0014	-0.0027	-0.0014
		7	0.0031	0.0042	0.0014	0.0042	0.0014	0.0042	0.0014	0.0042	0.0014	0.0042	0.0014	0.0042	0.0014	0.0042	0.0014
		8	0.0158	0.0042	0.0014	0.0042	0.0014	0.0042	0.0014	0.0042	0.0014	0.0042	0.0014	0.0042	0.0014	0.0042	0.0014
43	12	6	1.004	-0.0023	-0.0014	-0.0023	-0.0014	-0.0023	-0.0014	-0.0023	-0.0014	-0.0023	-0.0014	-0.0023	-0.0014	-0.0023	-0.0014
		7	0.0011	0.0039	0.0014	0.0039	0.0014	0.0039	0.0014	0.0039	0.0014	0.0039	0.0014	0.0039	0.0014	0.0039	0.0014
		8	0.0155	0.0039	0.0014	0.0039	0.0014	0.0039	0.0014	0.0039	0.0014	0.0039	0.0014	0.0039	0.0014	0.0039	0.0014
44	4	6	0.902	-0.0021	-0.0015	-0.0021	-0.0015	-0.0021	-0.0015	-0.0021	-0.0015	-0.0021	-0.0015	-0.0021	-0.0015	-0.0021	-0.0015
		7	0.0100	0.0028	0.0015	0.0028	0.0015	0.0028	0.0015	0.0028	0.0015	0.0028	0.0015	0.0028	0.0015	0.0028	0.0015
		8	0.0001	0.0028	0.0015	0.0028	0.0015	0.0028	0.0015	0.0028	0.0015	0.0028	0.0015	0.0028	0.0015	0.0028	0.0015
44	5	6	0.902	-0.0018	-0.0005	-0.0018	-0.0005	-0.0018	-0.0005	-0.0018	-0.0005	-0.0018	-0.0005	-0.0018	-0.0005	-0.0018	-0.0005
		7	0.0093	0.0017	0.0005	0.0017	0.0005	0.0017	0.0005	0.0017	0.0005	0.0017	0.0005	0.0017	0.0005	0.0017	0.0005
		8	0.0031	0.0017	0.0005	0.0017	0.0005	0.0017	0.0005	0.0017	0.0005	0.0017	0.0005	0.0017	0.0005	0.0017	0.0005

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
44	6	6	0.993 -0.0079 -0.0018	-1.34 -0.0014 -0.0004	-0.0019 0.0020	-0.882 1.1466	1.2523 -5.3714	-0.0133 0.0213	-0.0010 0.0023	-0.0050 0.0061	0.4085 0.5471	1.8733 1.4514
44	7	7	0.902 -0.0068 -0.0018	-1.05 -0.0004 -0.0004	-0.0016 0.0016	-0.0245 1.1421	1.2209 -4.5997	-0.0081 0.0165	-0.0005 0.0018	-0.0031 0.0045	0.3164 0.5658	1.9048 1.3594
44	8	8	0.902 -0.0097 0.0009	-0.43 -0.0019 0.0002	-0.0021 0.0021	-0.00 0.9741 1.0468	1.0881 10.9852	0.0001 0.0075	0.0002 0.0009	-0.0007 0.0014	11.1728 0.6266	-32.9531 0.9846
44	9	9	0.902 -0.0094 0.0005	-0.04 -0.0017 -0.0000	-0.0019 0.0022	-0.0270 -0.5169	1.0326 21.3061	0.0040 0.0029	0.0005 0.0001	0.0009 0.0002	0.7154 0.1716	1.1278 0.4942
44	10	10	0.903 -0.0093 0.0006	0.53 -0.0017 -0.0001	-0.0019 0.0022	-0.0270 -1.3780	1.0326 16.9388	0.0111 -0.0038	0.0013 -0.0004	0.0036 -0.0023	0.6125 0.5588	1.6365 3.1084
44	11	11	0.903 -0.0086 0.0013	1.44 -0.0017 -0.0001	-0.0017 0.0025	-0.0011 -0.7327	1.0278 9.5754	0.0253 -0.0162	0.0029 -0.0017	0.0077 -0.0064	0.5789 0.5380	1.5267 1.5724
44	12	12	0.902 -0.0074 0.0013	5.44 -0.0018 -0.0001	-0.0010 0.0023	-0.00 -1.2336 -0.7147	0.6897 8.9405	0.0573 -0.0463	0.0056 -0.0047	0.0166 -0.0160	0.4904 0.5102	1.6244 1.7321
45	1	1	0.903 -0.0120 0.0026	-4.44 -0.0017 -0.0000	-0.0029 0.0030	-0.00 0.7397 -0.1726	1.2035 5.9045	-0.0677 0.0766	-0.0054 0.0070	-0.0225 0.0242	0.4033 0.4613	1.6659 1.5784
45	2	2	0.904 -0.0095 0.0014	-2.56 -0.0015 0.0000	-0.0024 0.0026	-0.00 0.8050 0.2098	1.2811 9.0805	-0.0375 0.0440	-0.0034 0.0044	-0.0129 0.0135	0.4589 0.5097	1.7259 1.5390
45	3	3	0.902 -0.0103 0.0012	-1.48 -0.0016 -0.0000	-0.0025 0.0024	-0.00 0.7948 -0.2630	1.2426 9.9475	-0.0188 0.0251	-0.0015 0.0023	-0.0068 0.0077	0.4013 0.4737	1.8124 1.5483
45	4	4	0.904 -0.0092 0.0014	-1.04 -0.0013 -0.0000	-0.0024 0.0024	-0.00 0.7549 0.2198	1.3103 8.4817	-0.0107 0.0186	-0.0008 0.0019	-0.0040 0.0052	0.3992 0.5215	1.8667 1.3934

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
45	5	5 8	0.904 -0.0095 -0.0008	-0.0012 -0.0000 -0.0000	-0.0020 0.0021 -0.0063	-0.8487 0.0000 -0.0000	1.0966 11.8868 0.0093	-0.0002 0.0007 -0.0002	-0.0016 0.0025 -0.0002	0.3338 0.4176 0.0000	2.7530 1.3479 0.0000	
45	6	5 6	0.903 -0.0090 0.0010	-0.0014 -0.0001 -0.0001	-0.0017 0.0024 -0.0074	-0.8283 0.0000 -0.0000	0.9972 12.0253 0.0013	-0.0007 0.0002 -0.0002	0.0010 0.0002 -0.0002	0.7618 -1.0324 0.0000	1.1606 1.1514 0.0000	
45	7	5 8	0.902 -0.0087 0.0013	-0.0013 -0.0001 -0.0001	-0.0022 0.0025 -0.0074	-0.8000 0.0000 -0.0000	1.2763 9.5754 0.0142	-0.0015 -0.0007 -0.0007	0.0042 -0.0032 0.0000	0.5528 0.5532 0.0000	1.4946 2.3880 0.0000	
45	8	5 6	0.903 -0.0091 0.0017	-0.0016 -0.0003 -0.0003	-0.0020 0.0028 -0.0074	-0.8221 0.0000 -0.0000	1.1374 7.9599 0.0301	0.0029 -0.0024 -0.0024	0.0096 -0.0080 0.0000	0.4944 0.5469 0.0000	1.6078 1.8050 0.0000	
45	9	5 8	0.902 -0.0092 0.0032	-0.0017 -0.0000 -0.0000	-0.0022 0.0029 -0.0074	-0.8122 0.0000 -0.0000	1.1916 4.6467 0.0648	-0.0059 -0.0050 -0.0050	0.0208 -0.0190 0.0000	0.4615 0.4528 0.0000	1.6040 1.6991 0.0000	
46	1	5 8	0.903 -0.0100 0.0022	-0.0014 -0.0000 -0.0000	-0.0025 0.0029 -0.0074	-0.7010 0.0000 -0.0000	1.2953 6.4568 0.0783	-0.0063 0.0074 -0.0074	-0.0265 0.0274 0.0000	0.4028 0.4308 0.0000	1.6938 1.5897 0.0000	
46	2	5 8	0.902 -0.0095 0.0021	-0.0012 -0.0000 -0.0000	-0.0026 0.0027 -0.0074	-0.6769 0.0000 -0.0000	1.3720 6.4843 0.0371	-0.0033 0.0043 -0.0043	-0.0135 0.0139 0.0000	0.4492 0.5013 0.0000	1.6877 1.5944 0.0000	
46	3	5 6	0.903 -0.0081 0.0010	-0.0011 -0.0001 -0.0001	-0.0021 0.0021 -0.0074	-0.7013 0.0000 -0.0000	1.3038 10.3014 0.0378	-0.0034 0.0042 -0.0042	-0.0129 0.0140 0.0000	0.4492 0.4799 0.0000	1.7154 1.5658 0.0000	
46	4	5 8	0.903 -0.0091 0.0030	-0.0013 -0.0001 -0.0001	-0.0022 0.0028 -0.0074	-0.7225 0.0000 -0.0000	1.2286 4.8015 0.0207	-0.0018 0.0027 -0.0027	-0.0069 0.0086 0.0000	0.4491 0.4901 0.0000	1.6752 1.5597 0.0000	
46	5	5 8	0.903 -0.0084 0.0021	-0.0011 -0.0000 -0.0000	-0.0022 0.0024 -0.0074	-0.7332 0.0000 -0.0000	1.3398 5.7057 0.0116	-0.0008 0.0017 -0.0017	-0.0044 0.0057 0.0000	0.3577 0.4624 0.0000	1.9040 1.4885 0.0000	
46	6	5 8	0.903 -0.0083 0.0022	-0.0011 -0.0000 -0.0000	-0.0022 0.0027 -0.0074	-0.7332 0.0000 -0.0000	1.3398 6.0877 0.0020	-0.0002 -0.0002 -0.0002	-0.0009 0.0019 0.0000	0.5357 0.0444 0.0000	2.2133 1.6956 0.0000	

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key										
47	8	6	-0.9033 -0.00094	-0.0003 0.0003	-0.41 0.0025	-0.0025 0.1940	-0.304 0.1940	1.5598 1.8803	-0.0123 -0.0082	-0.0007 -0.0011	0.0046 -0.0026	0.2926 0.7078	1.8846 1.6240
47	9	6	-0.902 -0.0114	-0.0005 0.0007	-0.44 0.0025	-0.0025 0.3190	-0.00 0.3190	1.5210 1.7505	-0.0339 -0.0296	-0.0031 -0.0035	0.0115 -0.0096	0.4643 0.6060	1.6986 1.6189
47	10	6	-0.902 -0.0112	-0.0008 0.0006	-0.41 0.0024	-0.0024 0.2678	-0.00 0.2678	1.3849 1.7838	-0.0803 -0.0736	-0.0065 -0.0075	0.0271 -0.0244	0.4080 0.5113	1.6889 1.6590
47	11	6	-0.903 -0.0118	-0.0005 0.0004	-0.57 0.0019	-0.0019 0.2017	-0.00 0.2017	1.4625 1.5756	-0.2099 -0.2028	-0.0008 -0.0009	0.0719 -0.0699	-0.0213 -0.0228	1.7119 1.7254
47	12	6	-0.903 -0.0128	-0.0009 0.0004	-0.54 0.0021	-0.0021 0.1770	-0.00 0.1770	1.5436 1.6915	-0.2095 -0.2019	-0.0011 -0.0005	0.0720 -0.0696	-0.0275 -0.0129	1.7192 1.7245
48	1	6	-0.704 -0.0091	-0.0031 0.0004	-0.79 0.0013	-0.0013 0.2215	-0.00 0.2215	2.0488 1.7850	-0.0943 0.1020	-0.0051 -0.0041	-0.0318 -0.0350	0.2717 0.2019	1.6890 1.7158
48	2	6	-0.704 -0.0102	-0.0067 0.0007	-2.76 0.0019	-0.0019 0.3713	-0.00 0.3713	1.4465 1.7015	-0.0478 0.0545	-0.0031 -0.0031	-0.0163 0.0183	0.3253 0.2863	1.7125 1.6854
48	3	6	-0.706 -0.0050	-0.0003 0.0004	-1.77 0.0015	-0.0015 0.2584	-0.00 0.2584	1.4977 1.7297	-0.0297 0.0352	-0.0021 -0.0015	-0.0106 -0.0121	0.3541 0.2180	1.7844 1.7242
48	4	6	-0.701 -0.0065	-0.0003 0.0006	-1.22 0.0017	-0.0017 0.3322	-0.00 0.3322	1.3239 1.6996	-0.0185 0.0218	-0.0015 -0.0006	-0.0064 -0.0077	0.4213 0.1425	1.7401 1.7730
48	5	6	-0.702 -0.0079	-0.0002 0.0002	-0.68 0.0026	-0.0026 0.1475	-0.00 0.1475	1.7940 2.0794	-0.0102 -0.0128	-0.0007 -0.0001	-0.0040 -0.0049	0.3734 -0.0725	1.9590 1.9200
48	6	6	-0.703 -0.0077	-0.0007 0.0004	-0.56 0.0021	-0.0021 0.2778	-0.00 0.2778	1.2545 1.8415	-0.0042 -0.0066	-0.0004 -0.0008	-0.0015 -0.0029	0.5699 -0.6304	1.8122 2.2417

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key										
48	7	6	0.703	-0.0027	-0.0025	-0.0013	1.2844	-0.0009	-0.0003	-0.0003	0.0002	-2.9767	-1.2099
		7	-0.0100	-0.0004	0.0034	0.2512	2.1394	0.0034	-0.0009	-0.0009	0.0016	-1.4264	-2.4950
48	8	6	0.702	-0.0005	-0.0017	-0.0002	1.1802	0.0123	0.0005	0.0017	0.0046	0.2239	1.0012
		7	-0.0068	0.0002	0.0030	0.1780	2.2176	-0.0093	-0.0017	-0.0027	-0.0027	0.9149	1.4773
48	9	6	0.703	1.28	-0.0021	-0.0002	1.1127	0.0311	0.0015	0.0109	0.0109	0.2484	1.7594
		7	-0.0096	-0.0004	0.0034	0.2512	2.1394	-0.0272	-0.0032	-0.0006	-0.0006	0.5972	1.5043
48	10	6	0.704	-0.0002	-0.0012	-0.0002	0.9336	0.0738	0.0038	0.0256	0.0256	0.2598	1.7356
		7	-0.0058	0.0002	0.0028	0.2186	2.4019	-0.0645	-0.0041	-0.0223	-0.0223	0.3206	1.7321
48	11	6	0.703	-0.0008	-0.0021	-0.0002	1.1484	0.1954	-0.0078	0.0692	-0.0659	-0.2011	1.7466
		7	-0.0084	0.0000	0.0034	0.0216	2.0418	-0.1903	0.0014	-0.0659	-0.0659	-0.1702	1.7320
48	12	6	0.704	-0.0010	-0.0023	-0.0002	1.1648	0.1957	-0.0074	0.0681	-0.0658	-0.1913	1.7412
		7	-0.0083	0.0002	0.0032	0.1363	1.9557	-0.1891	0.0064	-0.0658	-0.0658	-0.1709	1.7412
49	1	6	0.702	-0.0017	-0.0021	-0.0002	0.9896	-0.0813	-0.0044	-0.0270	0.0270	0.2717	1.6611
		7	-0.0109	-0.0006	0.0026	1.4246	-6.1787	0.0879	0.0047	-0.0279	-0.0279	0.2688	1.5898
49	2	6	0.703	-0.0016	-0.0017	-0.0002	0.9311	-0.0387	-0.0027	-0.0130	0.0130	0.3494	1.6062
		7	-0.0086	-0.0011	0.0017	1.2538	-1.9431	0.0445	0.0025	-0.0136	-0.0136	0.2863	1.5335
49	3	6	0.703	-0.0019	-0.0021	-0.0002	0.9232	-0.0233	-0.0014	-0.0075	0.0075	0.3164	1.6151
		7	-0.0107	-0.0004	0.0026	1.1572	-7.2229	0.0303	0.0012	-0.0098	-0.0098	0.2067	1.6208
49	4	6	0.703	-0.0019	-0.0021	-0.0002	0.9804	-0.0139	-0.0003	-0.0046	0.0046	0.1167	1.6666
		7	-0.0111	-0.0005	0.0026	1.1444	-4.9879	0.0220	0.0008	-0.0063	-0.0063	0.1874	1.4524
49	5	6	0.703	-0.0024	-0.0019	-0.0002	0.9551	-0.0015	-0.0005	-0.0004	-0.0004	-1.9110	1.4550
		7	-0.0130	-0.0006	0.0028	4.9925	-22.9480	0.0095	0.0002	-0.0025	-0.0025	-0.1560	1.3335

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
49	6	6	0.703	-0.0019	-0.0012	-0.0008	0.6435	0.0032	0.0005	0.0017	0.7677	2.6783					
		7	-0.0099	1.0705	1.1324	0.6435	0.0032	-0.0004			-0.3817	0.3917					
		8	-0.0033	-0.0007	-0.0019	-2.8966											
49	7	6	0.703	0.0023	-0.0021	0.8427	0.0087	0.0007	0.0035	0.4549	2.0203						
		7	-0.0127	-0.0004	0.0026	-16.3386	-0.0009	-0.0008	-0.0012	4.7517	2.9443						
		8	-0.0007	-0.0004	0.0026												
49	8	6	0.703	1.36	-0.0021	0.8909	0.0306	0.0026	0.0105	0.4368	1.7231						
		7	-0.0120	-0.0004	0.0023	1.1541	-0.0212	-0.0025	-0.0085	0.6085	1.9996						
		8	-0.0017	-0.0004	0.0023												
49	9	6	0.703	3.38	-0.0017	0.6670	0.0709	0.0054	0.0231	0.3810	1.6315						
		7	-0.0128	-0.0006	0.0026	-8.1156	-0.0557	-0.0046	-0.0201	0.4171	1.8108						
		8	-0.0016	-0.0006	0.0026												
50	1	6	0.702	-0.0013	-0.0012	0.5493	-0.0784	-0.0046	-0.0251	0.2953	1.6027						
		7	-0.0116	-0.0013	0.0026	-2.2290	0.0890	0.0052	-0.0276	0.2951	1.5526						
		8	-0.0058	-0.0013	0.0026												
50	2	6	0.704	-0.0013	-0.0017	0.7970	-0.0378	-0.0031	-0.0124	0.2811	1.6467						
		7	-0.0106	-0.0023	0.0023	-2.0487	0.0491	0.0035	-0.0143	0.3615	1.4567						
		8	-0.0057	-0.0013	0.0023												
50	3	6	0.703	-0.0011	-0.0023	0.9199	-0.0202	-0.0009	-0.0067	0.2351	1.6772						
		7	-0.0127	-0.0011	0.0023	-2.3785	0.0297	0.0014	-0.0084	0.2428	1.4152						
		8	-0.0049	-0.0011	0.0023												
50	4	6	0.704	-0.0014	-0.0015	0.6010	-0.0102	-0.0000	-0.0037	0.0051	1.8029						
		7	-0.0122	-0.0014	0.0015	-1.3741	0.0194	0.0006	-0.0052	0.1717	1.3478						
		8	-0.0070	-0.0014	0.0015												
50	5	6	0.703	-0.0011	-0.0021	0.4444	-0.0023	0.0004	0.0002	-0.8679	-0.4620						
		7	-0.0117	-0.0011	0.0021	-2.1690	0.0122	0.0002	0.0025	-0.0932	-1.0225						
		8	-0.0049	-0.0011	0.0021												
50	6	6	0.703	-0.0010	-0.0012	0.4716	0.0016	0.0007	0.0013	2.1633	3.3216						
		7	-0.0132	-0.0010	0.0012	-1.4516	0.0070	-0.0002	0.0006	-0.1696	0.4417						
		8	-0.0058	-0.0010	0.0012												
50	7	6	0.703	-0.0009	-0.0017	0.3791	0.0118	0.0012	0.0049	0.5397	2.1073						
		7	-0.0109	-0.0009	0.0017	-0.0197	-0.0030	-0.0009	-0.0025	1.6152	2.9749						
		8	-0.0053	-0.0009	0.0017												

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
50	8	6	0.703	1.033	-0.0014	-0.0014	-0.0014	0.5322	0.0204	-0.0173	0.0020	-0.0022	0.0101	0.4979	0.4379	1.7020	2.2212
		6	-0.0137	-0.0014				-1.6014	-0.0173				-0.0077				
50	9	6	0.703	3.37	-0.0012	-0.0021	0.0000	0.4450	0.0670	-0.0531	0.0051	-0.0043	0.0230	0.3024	0.4113	1.7176	1.6343
		6	-0.0139	-0.0011				-2.1690	-0.0531				-0.0195				
		6	-0.0048														
51	1	6	0.704	4.56	-0.0008	-0.0008	0.0000	0.3659	-0.0658	0.0720	-0.0046	0.0060	-0.0208	0.3552	0.4213	1.5795	1.4615
		6	-0.0115	-0.0014				-0.4535					-0.0213				
		6	-0.0095														
51	2	6	0.703	2.60	-0.0008	-0.0015	0.0000	0.3361	-0.0292	0.0432	-0.0013	0.0035	-0.0093	0.2367	0.4004	1.5971	1.3353
		6	-0.0125	-0.0014				-0.8348					-0.0113				
		6	-0.0091														
51	3	6	0.703	1.69	-0.0012	-0.0015	0.0000	0.5095	-0.0173	0.0201	-0.0008	0.0020	-0.0070	0.3403	0.3663	1.5373	1.2514
		6	-0.0125	-0.0014				-0.8839					-0.0070				
		6	-0.0086														
51	4	6	0.702	1.11	-0.0012	-0.0017	0.0000	0.5308	-0.0094	0.0206	-0.0000	-0.0008	-0.0033	0.0144	0.2122	1.7523	1.0849
		6	-0.0121	-0.0014				-1.0085					-0.0044				
		6	-0.0086														
51	5	6	0.702	0.59	-0.0015	-0.0017	0.0000	0.5732	-0.0015	0.0129	0.0005	0.0004	0.0002	-1.0606	-0.1668	-0.6974	-0.7457
		6	-0.0131	-0.0013				-1.2788					-0.0019				
		6	-0.0068														
51	6	6	0.704	0.14	-0.0008	-0.0013	0.0000	0.3417	0.0049	0.0060	-0.0012	-0.0000	-0.0026	1.2335	-0.0278	2.6668	-0.1840
		6	-0.0124	-0.0016				-0.7774					-0.0002				
		6	-0.0084														
51	7	6	0.702	0.36	-0.0017	-0.0017	0.0000	0.3883	0.0117	0.0002	-0.0016	-0.0005	-0.0046	-1.0969	-0.7184	-1.9833	-4.3342
		6	-0.0137	-0.0014				-1.1427					-0.0021				
		6	-0.0076														
51	8	6	0.704	1.41	-0.0012	-0.0019	0.0000	0.4419	0.0270	-0.0142	0.0031	-0.0019	0.0095	0.5777	0.6820	1.7590	1.5593
		6	-0.0144	-0.0014				-1.4791					-0.0072				
		6	-0.0066														
51	9	6	0.702	3.20	-0.0008	-0.0015	0.0000	0.3256	0.0564	-0.0430	-0.0053	-0.0043	-0.0191	0.4720	0.5017	1.6988	1.9481
		6	-0.0130	-0.0016				-0.9634					-0.0167				
		6	-0.0079														

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
52	1	6	0.703 -0.0139 -0.0093	-4.559 -0.0022	-0.0012 0.0019	1.4098 1.1835	0.4579 -1.0469	-0.0473 0.0561	-0.0034 0.0057	-0.0154 0.0159	0.3677 0.5088	1.6313 1.4201
52	2	6	0.701 -0.0134 -0.0076	-4.550 -0.0024	-0.0010 0.0021	1.4610 1.5762	0.3942 -1.4221	-0.0441 0.0575	-0.0039 0.0058	-0.0141 0.0163	0.4432 0.5119	1.6013 1.4253
52	3	6	0.700 -0.0121 -0.0097	-2.660 -0.0040 -0.0016	-0.0006 0.0006	1.6764 1.8248	0.2560 -0.3300	-0.0219 0.0336	-0.0007 0.0030	-0.0072 0.0084	0.1694 0.4570	1.6530 1.2598
52	4	6	0.701 -0.0127 -0.0099	-1.67 -0.0038 -0.0017	-0.0012 0.0008	1.5198 0.8904	0.4936 -0.3203	-0.0140 0.0223	-0.0005 0.0011	-0.0039 0.0052	0.1783 0.2671	1.3955 1.1746
52	5	6	0.701 -0.0121 -0.0101	-1.20 -0.0038 -0.0019	-0.0008 0.0004	1.5780 0.9513	0.3390 -0.2075	-0.0058 0.0162	0.0008 0.0003	-0.0019 0.0037	-0.6976 0.1082	1.6457 1.1454
52	6	6	0.701 -0.0131 -0.0079	-0.53 -0.0040 -0.0014	-0.0004 0.0004	1.5487 0.9014	0.2358 -0.2704	0.0000 0.0094	0.0009 -0.0000	0.0063 0.0010	0.2546 -0.0441	1.6309 0.5601
52	7	6	0.702 -0.0133 -0.0089	0.38 -0.0042 -0.0017	-0.0008 0.0006	1.5828 0.9917	0.3110 -0.3561	0.0092 0.0002	0.0014 -0.0010	0.0043 -0.0014	0.8096 -18.4706	2.3405 -26.0942
52	8	6	0.702 -0.0146 -0.0071	1.33 -0.0045 -0.0016	-0.0008 0.0010	1.5338 1.1200	0.2772 -0.7384	0.0232 -0.0119	0.0032 -0.0022	0.0087 -0.0064	0.7020 0.9454	1.8958 2.6870
52	9	6	0.702 -0.0127 -0.0076	3.29 -0.0042 -0.0016	-0.0008 0.0008	1.6440 1.0455	0.3232 -0.5537	0.0461 -0.0336	0.0052 -0.0046	0.0159 -0.0135	0.5737 0.6927	1.7323 2.0127
53	9	6	0.900 -0.0692 0.0381	-4.43 -0.0052	-0.0220 0.0152	4.500 0.6906	1.5924 1.9939	-0.0493 0.0371	-0.0038 0.0051	-0.0171 0.0115	0.3861 0.6917	1.7366 1.5530
53	10	6	0.899 -0.0378 0.0232	-2.50 -0.0033	-0.0116 0.0094	4.500 0.7303	1.5396 2.0260	-0.0250 0.0222	-0.0022 0.0033	-0.0087 0.0061	0.4420 0.7544	1.7489 1.3867

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
53	11	6	0.300	-1.044	-0.0071	-4.5300	1.4722	-0.0115	-0.0011	-0.0048	0.4809	2.0840
		7	-0.0243	-0.0022	0.0058	0.5531	2.1618	0.0109	0.0019	0.0026	0.8817	1.2268
		8	0.0134			0.8274						
53	12	6	0.898	-0.020	-0.0056	-4.5000	1.4511	-0.0053	-0.0002	-0.0030	0.2806	2.9204
		7	-0.0193	-0.0017	0.0045	0.5266	2.3230	0.0091	0.0016	0.0022	0.9262	1.2236
		8	0.0098			0.8924						
53	13	6	0.900	-0.040	-0.0039	-4.5000	1.4460	0.0015	0.0002	-0.0015	0.7906	-5.0490
		7	-0.0135	-0.0015	0.0028	0.5604	2.3952	0.0037	0.0009	0.0014	1.3218	-0.5924
		8	0.0060			1.2967						
53	14	6	0.900	-0.008	-0.0023	-4.5300	1.2733	0.0055	0.0004	0.0006	0.3879	0.5819
		7	-0.0094	-0.0011	0.0012	0.5965	4.1420	0.0034	0.0004	-0.0017	-0.6526	2.5886
		8	0.0014			3.8340						
53	15	6	0.901	0.62	-0.0007	-4.5000	0.6020	0.0139	0.0015	-0.0030	0.5670	1.0210
		7	-0.0024	-0.0004	-0.0007	0.4816	0.9095	-0.0086	0.0000	-0.0033	-0.0066	1.9514
		8	-0.0041			-0.5142						
53	16	6	0.900	1.49	0.0029	-4.5000	1.8762	0.0229	0.0023	-0.0069	0.5069	1.3854
		7	-0.0079	-0.0006	-0.0044	0.5834	1.5094	-0.0187	-0.0009	-0.0069	0.2574	1.8643
		8	-0.0148			0.2281						
53	17	6	0.901	3.52	0.0096	-4.5300	1.7732	0.0441	0.0050	-0.0177	0.5730	1.1234
		7	-0.0271	-0.0024	-0.0134	0.5357	1.6376	-0.0515	-0.0031	-0.0177	0.3039	1.1234
		8	-0.0411			0.2964						
54	1	6	0.998	-4.20	-0.0206	-4.5000	1.5600	-0.0507	-0.0044	-0.0172	0.4361	1.6980
		7	-0.0661	-0.0068	0.0136	0.5165	1.9762	0.0363	0.0059	-0.0108	0.6146	1.4919
		8	0.0344			0.7439						
54	2	6	1.000	-2.31	-0.0109	-4.5000	1.5075	-0.0237	-0.0024	-0.0079	0.5185	1.9686
		7	-0.0363	-0.0031	0.0092	0.5953	1.9425	0.0225	0.0037	-0.0060	0.8245	1.3288
		8	-0.0237			0.6640						
54	3	6	1.000	-1.27	-0.0068	-4.99	1.4605	-0.0108	-0.0010	-0.0040	0.4646	1.8909
		7	-0.0236	-0.0020	0.0061	0.6392	1.9603	0.0141	0.0025	-0.0033	0.6951	1.2014
		8	-0.0155			0.7461						
54	4	6	1.001	-0.84	-0.0052	-4.5000	1.4945	-0.0055	-0.0007	-0.0020	0.6534	1.8772
		7	-0.0174	-0.0021	0.0044	0.6300	2.0843	0.0075	0.0016	-0.0012	1.1062	0.8028
		8	-0.0105			0.6855						

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key															
			1.0021	-0.0014	-0.0034	-0.0013	-0.0014	-0.0031	-0.0014	-0.0013	-0.0008	0.0008	0.0003	0.0013	-0.0003	-0.0002	0.0008	0.0002
54	5	6	-0.0062	0.0013	0.0031	0.0013	0.0014	0.0031	0.0014	0.0013	0.0008	0.0003	0.0013	-0.0003	-0.0002	0.0008	0.0002	-0.0002
54	6	7	1.0003	0.0008	-0.0014	-0.0013	-0.0014	-0.0013	-0.0014	-0.0013	0.0008	0.0003	0.0013	-0.0003	-0.0002	0.0008	0.0002	-0.0002
54	7	8	0.0006	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
54	8	9	0.0097	0.0012	0.0036	0.0012	0.0012	0.0036	0.0012	0.0012	0.0231	0.0020	0.0014	0.0020	0.0014	0.0020	0.0020	0.0014
54	9	0	0.0258	0.0035	0.0093	0.0035	0.0035	0.0093	0.0035	0.0035	0.0396	0.0054	0.0032	0.0054	0.0032	0.0054	0.0054	0.0032
55	1	1	1.207	-0.0072	-0.0170	-0.0072	-0.0072	-0.0170	-0.0072	-0.0072	0.0197	0.0002	0.0116	0.0002	0.0002	0.0197	0.0002	0.0002
55	2	2	1.206	-0.0043	-0.0043	-0.0043	-0.0043	-0.0043	-0.0043	-0.0043	0.0327	-0.0011	-0.0038	-0.0011	-0.0038	0.0327	-0.0011	-0.0038
55	3	3	1.205	-0.0253	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0144	-0.0009	0.0019	-0.0009	0.0019	0.0144	-0.0009	0.0019
55	4	4	1.204	-0.0165	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0075	-0.0006	0.0011	-0.0006	0.0011	0.0075	-0.0006	0.0011
55	5	5	1.203	-0.0076	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0012	-0.0004	0.0006	-0.0004	0.0006	0.0012	-0.0004	0.0006
55	6	6	1.204	0.0003	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
55	7	9	1.203	0.0011	0.0017	-4.5000	1.3459	0.0153	0.0000	0.0042	0.0224	1.3763
		8	0.0065	0.0016	-0.0013	-4.3937	3.4791	-0.0145	0.0001	-0.0050	-0.0404	1.7496
			-0.0018	0.0016								
55	8	9	1.203	1.68	0.0064	-4.5863	1.5873	0.0262	0.0018	0.0079	0.3467	1.5088
		8	0.0203	0.0023	-0.0069	-0.3977	1.9625	-0.0287	0.0004	-0.0098	-0.0737	1.7075
			-0.0176	0.0014								
55	9	9	1.204	3.83	0.0124	-4.499	1.7373	0.0329	0.0043	0.0099	1.2621	1.5149
		8	0.0359	0.0061	-0.0209	-0.1450	1.7640	-0.0729	0.0013	-0.0246	-0.0939	1.6910
			-0.0594	0.0017								
56	4	9	1.203	-4.57	-0.0356	-4.499	1.7153	-0.0936	0.0037	-0.0314	-0.1998	1.6783
		8	0.0826	0.0070	0.0291	-0.381	1.7646	0.0686	-0.0005	0.0243	-0.0410	1.7786
			-0.0826	-0.0012		0.0741						
56	5	9	1.204	-2.48	-0.0194	-4.499	1.7773	-0.0454	0.0000	-0.0148	-0.0973	1.6398
		8	0.0548	0.0034	-0.0176	-0.3169	1.6485	0.0369	-0.0002	0.0132	-0.0303	1.7883
			-0.0534	-0.0001		0.0133						
56	6	9	1.203	-1.58	-0.0124	-4.499	1.8355	-0.0289	-0.0005	-0.0094	0.0867	1.6385
		8	0.0339	0.0023	-0.0114	0.0795	1.5009	0.0222	-0.0007	0.0085	-0.1600	1.9271
			-0.0381	0.0006								
56	7	9	1.203	-1.03	-0.0090	-4.499	1.9085	-0.0154	-0.0006	-0.0049	0.2029	1.5869
		8	0.0236	0.0018	0.0085	0.3822	1.3829	0.0107	-0.0007	0.0046	-0.3488	2.1547
			-0.0309	0.0012		0.1969						
56	8	9	1.204	-0.50	-0.0046	-4.499	2.2909	-0.0040	-0.0010	-0.0009	1.2553	1.5331
		8	0.0102	0.0017	-0.0046	-0.331	1.1482	-0.0005	-0.0004	0.0009	4.3729	-1.1531
			-0.0200	0.0010		0.2729						
56	9	9	1.204	-0.25	-0.0029	-4.499	3.1978	-0.0006	-0.0013	0.0003	9.8676	-2.5477
		8	0.0046	0.0016	0.0031	-1.7203	0.9751	-0.0051	-0.0005	-0.0006	0.5191	0.6444
			-0.0160	0.0011		0.3641						
56	10	9	1.203	-0.01	-0.0017	-4.499	8.6296	0.0050	-0.0012	0.0023	-1.2626	2.3364
		8	0.0010	0.0016	0.0022	-8.0386	0.6385	-0.0075	-0.0004	-0.0015	-0.2636	1.0318
			-0.0131	0.0010								
56	11	9	1.203	0.54	0.0015	-4.499	0.9064	0.0146	-0.0010	0.0034	-0.3480	1.8398
		8	0.0087	0.0013	-0.0016	1.7612	-2.3932	-0.0160	-0.0001	-0.0042	-0.0571	1.8328
			0.0033	0.0011								

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
56	12	6	1.204	1.57	0.0014	0.0081	-0.0085	-0.0085	-0.0085	-0.0085	-0.0085	-0.0085	-0.0085	-0.0085	-0.0085	-0.0085	1.6923
			0.0285	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	1.5117
56	13	8	1.205	3.62	0.0013	0.0198	-0.0245	-0.0245	-0.0245	-0.0245	-0.0245	-0.0245	-0.0245	-0.0245	-0.0245	-0.0245	1.7073
			0.0648	0.0040	0.0040	0.0040	0.0040	0.0040	0.0040	0.0040	0.0040	0.0040	0.0040	0.0040	0.0040	0.0040	1.6083
56	14	8	1.205	9.90	-0.0001	0.0448	-0.0746	-0.0746	-0.0746	-0.0746	-0.0746	-0.0746	-0.0746	-0.0746	-0.0746	-0.0746	1.7553
			0.1297	0.0184	0.0184	0.0184	0.0184	0.0184	0.0184	0.0184	0.0184	0.0184	0.0184	0.0184	0.0184	0.0184	1.6071
56	15	8	1.202	9.68	0.0000	0.0446	-0.0733	-0.0733	-0.0733	-0.0733	-0.0733	-0.0733	-0.0733	-0.0733	-0.0733	-0.0733	1.7635
			0.1304	0.0179	0.0179	0.0179	0.0179	0.0179	0.0179	0.0179	0.0179	0.0179	0.0179	0.0179	0.0179	0.0179	1.6721
56	16	8	1.205	-0.24	0.0015	-0.0028	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.751
			0.0119	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.5168
57	1	8	1.003	-4.61	-0.0000	-0.0339	0.0290	0.0290	0.0290	0.0290	0.0290	0.0290	0.0290	0.0290	0.0290	0.0290	1.7431
			0.0977	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	1.6376
57	2	8	1.000	-2.57	-0.0003	-0.0183	0.0168	0.0168	0.0168	0.0168	0.0168	0.0168	0.0168	0.0168	0.0168	0.0168	1.7423
			0.0512	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	0.0028	1.9784
57	3	8	1.000	-1.59	0.0006	-0.0128	0.0118	0.0118	0.0118	0.0118	0.0118	0.0118	0.0118	0.0118	0.0118	0.0118	1.7707
			0.0344	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	0.0019	2.2367
57	4	8	1.000	-1.07	0.0015	-0.0091	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	0.0085	1.6731
			0.0223	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	3.2106
57	5	8	0.999	-0.52	0.0015	-0.0064	0.0054	0.0054	0.0054	0.0054	0.0054	0.0054	0.0054	0.0054	0.0054	0.0054	2.9087
			0.0151	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.6342
57	6	8	1.002	-0.32	0.0019	-0.0055	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	2.6613
			0.0114	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.1343

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key											
57	7	6	1.000	-0.0028	0.00118	-0.0042	-0.0032	-0.0042	-0.0032	-0.0042	-0.0032	-0.0042	-0.0032	0.0459
		8	-0.00118	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.0459
57	8	6	1.000	0.0019	0.00033	-0.0009	0.0001	-0.0009	0.0001	-0.0009	0.0001	-0.0009	0.0001	1.5917
		8	0.00033	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	1.0936
57	9	6	1.000	0.0207	0.00139	0.0052	0.0061	0.0052	0.0061	0.0052	0.0061	0.0052	0.0061	1.6017
		8	-0.00139	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	-0.00000	1.3926
57	10	6	1.001	0.0537	0.00502	0.0019	0.0165	0.0019	0.0165	0.0019	0.0165	0.0019	0.0165	1.6534
		8	-0.00502	-0.00019	-0.00019	-0.00019	-0.00019	-0.00019	-0.00019	-0.00019	-0.00019	-0.00019	-0.00019	1.5634
58	4	6	0.902	0.0884	0.00633	-0.0062	0.0237	-0.0062	0.0237	-0.0062	0.0237	-0.0062	0.0237	1.6637
		8	0.00633	0.00070	0.00070	0.00070	0.00070	0.00070	0.00070	0.00070	0.00070	0.00070	0.00070	1.6972
58	5	6	0.901	0.0499	0.00409	-0.0040	0.0138	-0.0040	0.0138	-0.0040	0.0138	-0.0040	0.0138	1.7118
		8	-0.00409	-0.00040	-0.00040	-0.00040	-0.00040	-0.00040	-0.00040	-0.00040	-0.00040	-0.00040	-0.00040	1.7330
58	6	6	0.901	0.0325	0.00278	-0.0029	0.0089	-0.0029	0.0089	-0.0029	0.0089	-0.0029	0.0089	1.8189
		8	-0.00278	-0.00025	-0.00025	-0.00025	-0.00025	-0.00025	-0.00025	-0.00025	-0.00025	-0.00025	-0.00025	1.6378
58	7	6	0.902	0.0236	0.00222	-0.0021	0.0067	-0.0021	0.0067	-0.0021	0.0067	-0.0021	0.0067	1.7183
		8	-0.00222	-0.00021	-0.00021	-0.00021	-0.00021	-0.00021	-0.00021	-0.00021	-0.00021	-0.00021	-0.00021	1.6915
58	8	6	0.899	0.0184	0.00168	-0.0016	0.0046	-0.0016	0.0046	-0.0016	0.0046	-0.0016	0.0046	2.3957
		8	-0.00168	-0.00014	-0.00014	-0.00014	-0.00014	-0.00014	-0.00014	-0.00014	-0.00014	-0.00014	-0.00014	1.4723
58	9	6	0.901	0.0140	0.00148	-0.0014	0.0038	-0.0014	0.0038	-0.0014	0.0038	-0.0014	0.0038	2.7484
		8	-0.00148	-0.00010	-0.00010	-0.00010	-0.00010	-0.00010	-0.00010	-0.00010	-0.00010	-0.00010	-0.00010	5.2007
58	10	6	0.899	0.0103	0.00107	-0.0010	0.0027	-0.0010	0.0027	-0.0010	0.0027	-0.0010	0.0027	0.3384
		8	-0.00107	-0.00005	-0.00005	-0.00005	-0.00005	-0.00005	-0.00005	-0.00005	-0.00005	-0.00005	-0.00005	0.6219

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	It	Cd	See Key									
58	11	6	0.898	0.38	-45.00	1.5363	0.0106	0.0007	0.0034	0.3517	1.5998	
			-0.0039	0.0001	-0.0012	0.2016	-0.0106	-0.0011	-0.0037	0.5296	1.7504	
58	12	6	0.902	1.43	-45.00	1.7900	0.0276	0.0030	0.0089	0.5575	1.6177	
			0.0114	0.0016	0.0040	2.3985	-0.0300	-0.0035	-0.0101	0.5694	1.6328	
58	13	6	0.903	3.45	-44.99	1.7146	0.0516	0.0059	0.0171	0.5793	1.6627	
			0.0371	0.0046	0.0127	1.9652	-0.0606	-0.0054	-0.0208	0.5462	1.7218	
58	14	6	0.901	9.58	-44.99	1.7699	0.1210	0.0113	0.0415	0.4701	1.7174	
			0.1046	0.0097	0.0370	1.9120	-0.1771	-0.0037	-0.0629	0.1071	1.7783	
58	15	6	0.902	9.56	-44.99	1.7771	0.1188	0.0116	0.0410	0.4902	1.7262	
			0.1044	0.0097	0.0371	1.9045	-0.1732	-0.0046	-0.0618	0.1332	1.7850	
58	16	6	0.902	-0.45	-44.99	1.6815	-0.0008	-0.0001	-0.0009	0.6644	5.4281	
			-0.0143	-0.0012	-0.0050	1.4450	0.0009	-0.0002	-0.0002	-1.5948	1.5434	

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
59	1	6 7 8	0.702 -0.0825 -0.0649	-4.74 -0.0040 0.0046	-0.0275 0.0223	-4.99 0.2445 0.3595	1.6708 1.7224	-0.0626 0.0494	-0.0026 0.0035	-0.0224 0.0169	0.2119 0.3371	1.7935 1.7183
59	2	6 7 8	0.701 -0.0484 0.0431	-2.74 -0.0027 0.0031	-0.0159 0.0141	-4.99 0.2835 0.3703	1.6477 1.6373	-0.0318 0.0269	-0.0016 0.0014	-0.0121 0.0091	0.2644 0.2711	1.8999 1.6928
59	3	6 7 8	0.701 -0.0318 0.0308	-1.78 -0.0016 0.0017	-0.0110 0.0100	-4.99 0.2616 0.2816	1.7277 1.6249	-0.0163 0.0133	-0.0006 0.0001	-0.0059 0.0048	0.1989 0.0665	1.8158 1.8336
59	4	6 7 8	0.701 -0.0254 0.0256	-1.23 -0.0016 0.0016	-0.0079 0.0078	-4.99 0.3218 0.3195	1.5709 1.5259	-0.0103 0.0091	-0.0005 0.0000	-0.0035 0.0027	0.2754 0.0360	1.7068 1.5101
59	5	6 7 8	0.702 -0.0175 0.0191	-0.69 -0.0010 0.0010	-0.0055 0.0056	-4.99 0.3104 0.2628	1.5938 1.4784	-0.0017 0.0010	-0.0001 0.0005	-0.0008 0.0002	0.4502 -2.5795	2.5510 0.5742
59	6	6 7 8	0.701 -0.0135 0.0162	-0.57 -0.0007 0.0010	-0.0040 0.0043	-4.99 0.2659 0.3259	1.5141 1.3404	-0.0003 0.0014	-0.0003 0.0008	-0.0004 0.0002	-5.3830 -5.0325	6.2164 0.7029
59	7	6 7 8	0.701 -0.0113 0.0111	-0.22 -0.0008 0.0003	-0.0032 0.0030	-4.99 0.3954 0.1764	1.4233 1.3678	0.0042 -0.0054	0.0004 -0.0012	0.0013 -0.0012	0.5733 1.1028	1.5432 1.1481
59	8	6 7 8	0.702 -0.0052 0.0056	0.25 -0.0005 0.0001	-0.0008 0.0010	-4.99 0.4880 0.0992	0.8063 0.9574	0.0095 -0.0090	0.0004 -0.0009	0.0035 -0.0031	0.2125 0.5296	1.8384 1.7504
59	9	6 7 8	0.703 -0.0089 -0.0092	1.27 0.0003 0.0005	-0.0038 0.0049	-4.99 0.2169 0.2938	2.1558 2.6829	0.0246 -0.0239	0.0018 -0.0021	0.0083 -0.0088	0.3708 0.4545	1.6844 1.8486
59	10	6 7 8	0.701 -0.0350 -0.0382	3.32 0.0022 -0.0017	0.0126 -0.0152	-4.99 0.3153 0.2300	1.8061 1.9897	0.0524 -0.0581	0.0039 -0.0035	0.0173 -0.0202	0.3804 0.3019	1.6505 1.7452
59	11	6 7 8	0.701 -0.1018 -0.1413	3.41 0.0037 0.0002	-0.0369 -0.0547	-4.99 0.1821 -0.0101	1.8123 1.9367	0.1173 -0.1641	0.0059 0.0004	0.0399 -0.0589	0.2531 -0.0148	1.7004 1.7957

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key											
59	12	9	0.701	9.42	0.0364	-4.429	1.7860	0.1194	0.0037	0.0409	0.2395	1.7169		
		6	0.1020	0.0038	0.0364	0.1857	1.9314	-0.1640	0.0004	-0.0589	-0.0148	1.7957		
			-0.1411	0.0000	-0.0545	-0.0034								
59	13	6	0.700	-0.055	-0.0049	-4.429	1.5284	0.0004	0.0005	0.0002	6.6150	0.0013		
		7	-0.0161	-0.0014	0.0041	0.4479	1.8566	0.0001	-0.0005	-0.0002	-24.3013	-9.5834		
		8	0.0110	0.0003	0.0041	0.1670								

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
63	4	6 7 8	1.205 -0.0761 0.0644	-4.06 0.0051 -0.0006	-0.0267 -0.0217 0.0000	-44.99 -0.3390 -0.0479	1.7566 1.6914 0.0724	0.0029 -0.0014 0.0000	-0.0285 -0.0251 -0.1024	1.6557 1.7344 1.6557							
63	5	6 7 8	1.204 -0.0292 0.0343	-1.97 0.0027 0.0000	-0.0107 0.0100 0.0000	-44.99 -0.4642 0.0126	1.8322 1.4583 0.0398	0.0003 -0.0011 0.0000	-0.0129 0.0128 -0.01673	1.6263 1.8174 1.6263							
63	6	6 7 8	1.206 -0.0085 0.0185	-0.92 0.0025 0.0005	-0.0041 0.0040 0.0000	-44.99 -1.5141 0.1466	2.4135 1.0987 0.0215	-0.0001 -0.0010 -0.0000	-0.0071 0.0072 -0.02868	1.6612 1.9799 1.6612							
63	7	6 7 8	1.205 0.0012 0.0098	-0.39 0.0027 0.0002	-0.0010 0.0010 0.0000	-44.99 11.5672 0.1463	-4.3005 0.5346 0.0084	-0.0004 -0.0007 -0.0000	-0.0034 0.0036 -0.02273	1.7624 2.2863 1.7624							
63	8	6 7 8	1.205 0.0114 0.0014	0.13 0.0027 0.0008	-0.0021 -0.0023 0.0000	-44.99 1.2153 2.8292	0.9463 -7.8507 0.0001	-0.0005 -0.0011 -0.0000	-0.0016 0.0011 -0.0347	1.7139 35.8792 1.7139							
63	9	6 7 8	1.206 0.0132 0.0001	0.18 0.0027 0.0009	0.0029 -0.0030 0.0000	-44.99 1.0485 47.1427	1.1179 -0.0023 -0.0023	-0.0006 -0.0004 -0.0000	-0.0007 -0.0001 -0.0000	1.4695 0.2209 1.4695							
63	10	6 7 8	1.204 -0.0215 -0.0085	0.64 0.0030 0.0008	-0.0054 -0.0059 0.0000	-44.99 0.7091 -0.5268	1.2685 3.4692 0.0089	-0.0006 -0.0005 -0.0000	-0.0029 -0.0026 -0.0328	1.6314 1.1924 1.6314							
63	11	6 7 8	1.206 0.0336 -0.0150	1.21 0.0028 0.0015	-0.0094 -0.0099 0.0000	-44.99 0.4225 -0.4083	1.4004 2.6080 0.0209	-0.0003 -0.0005 -0.0000	-0.0066 -0.0061 -0.0775	1.5532 1.4228 1.5532							
63	12	6 7 8	1.207 0.0524 -0.0389	2.26 0.0028 0.0029	-0.0154 -0.0174 0.0000	-44.99 0.2699 -0.3787	1.4742 2.2378 0.0336	-0.0006 -0.0000 -0.0000	-0.0114 -0.0081 -0.0000	1.6630 1.5431 1.6630							
63	13	6 7 8	1.205 0.0846 -0.0824	4.34 0.0021 0.0070	-0.0263 -0.0334 0.0000	-44.99 0.1268 -0.4293	1.5559 2.0302 0.0689	-0.0002 0.0034 -0.0000	-0.0230 -0.0183 -0.0206	1.6632 1.6352 1.6632							
63	14	6 7 8	1.205 0.0126 -0.0004	0.17 0.0030 0.0009	-0.0022 -0.0025 -0.0000	-44.99 1.2063 -0.2531	0.8962 27.3456 0.0001	-0.0005 -0.0007 -0.0000	-0.0005 -0.0006 -0.0299	27.6922 -3.7764 -3.7764							

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
64	1	6 6	1.004 -0.0573	-4.00 -0.0033	-0.0217 0.0189	-45.00 0.2938	1.7979 1.6492	-0.0748 0.0675	-0.0030 0.0021	-0.0260 0.0236	0.2024 0.1596	1.7400 1.7513
64	2	6 8	1.033 -0.0230 0.0269	-1.86 0.0017 0.0022	-0.0090 0.0073	-44.99 -0.3897 0.4215	1.9704 1.3682	-0.0381 0.0308	-0.0022 0.0011	-0.0137 0.0114	0.2974 0.1891	1.7946 1.8579
64	3	6 8	1.005 -0.0024 0.0112	-0.78 0.0022 0.0018	-0.0021 0.0015	-44.99 -4.6039 0.8183	4.4286 0.6704	-0.0168 0.0131	-0.0015 0.0001	-0.0063 0.0054	0.4685 0.0552	1.8880 2.0827
64	4	6 8	1.003 0.0071 0.0042	-0.26 0.0028 0.0017	0.0006 -0.0013	-44.99 1.9717 2.0665	0.4627 -1.6253	-0.0088 0.0054	-0.0010 0.0000	-0.0040 0.0028	0.3785 0.0199	2.2877 2.6081
64	5	6 8	1.002 0.0168 -0.0042	0.28 0.0030 0.0015	0.0039 -0.0045	-44.99 0.9073 -1.8048	1.1604 5.2969	0.0013 -0.0035	-0.0007 -0.0004	-0.0009 -0.0002	-2.6184 0.6069	-3.5307 -0.3602
64	6	6 8	1.004 0.0246 -0.0120	0.83 0.0036 0.0011	0.0063 -0.0069	-44.99 0.7369 -0.4919	1.2891 2.8911	0.0082 -0.0124	-0.0007 -0.0006	0.0018 -0.0031	-0.4317 0.2614	1.0977 1.2842
64	7	6 8	1.003 0.0321 -0.0216	1.36 0.0007 0.0007	0.0091 -0.0101	-45.00 0.6016 -0.1734	1.4304 2.3455	0.0165 -0.0217	-0.0003 -0.0009	0.0045 -0.0063	-0.1123 0.2232	1.3405 1.4582
64	8	6 8	1.003 0.0510 -0.0381	2.41 0.0053 -0.0001	0.0152 -0.0165	-45.00 0.5246 0.0183	1.4977 2.1732	0.0345 -0.0401	-0.0000 -0.0016	0.0109 -0.0125	-0.0098 0.2024	1.5357 1.5594
64	9	6 8	1.005 0.0838 -0.0814	4.49 0.0048 0.0004	0.0267 -0.0321	-44.99 0.2911 -0.0258	1.5935 1.9752	0.0618 -0.0793	0.0018 -0.0024	0.0201 -0.0200	0.1485 0.1522	1.6319 1.6422
65	6	6 8	0.902 -0.0538 0.0390	-3.73 -0.0039 0.0047	-0.0183 0.0138	-45.00 0.3626 0.6022	1.6991 1.7689	-0.0618 0.0511	-0.0048 0.0058	-0.0208 0.0174	0.3934 0.5762	1.6878 1.7019
65	7	6 8	0.903 -0.0208 -0.0172	-1.57 -0.0016 -0.0019	-0.0071 0.0058	-45.00 0.4048 0.5613	1.7132 1.6888	-0.0274 0.0245	-0.0026 0.0022	-0.0093 0.0085	0.4887 0.4566	1.6998 1.7392

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Ft	Cd	See Key									
65	8	6	0.903	-0.65	-0.0021	-45.00	1.7370	-0.0121	-0.0012	-0.0041	0.5088	1.7276
			-0.0061	-0.0001	0.0006	0.1080	1.0332	0.0120	0.0008	0.0041	0.3599	1.7431
			0.0029	0.0000		0.1540						
65	9	7	0.903	0.13	0.0003	-45.00	0.8623	-0.0096	-0.0010	-0.0032	0.5238	1.6835
			-0.0041	-0.0005	-0.0018	1.8198	2.2428	0.0069	0.0005	0.0022	0.3994	1.6226
						0.7031						
65	10	7	0.904	0.43	0.0028	-44.99	1.6526	-0.0000	-0.0000	0.0003	0.2665	4.5103
			0.0087	0.0012	-0.0041	0.7386	2.4127	-0.0009	0.0000	-0.0008	-0.1441	
			-0.0085	-0.0007		0.4360						
65	11	7	0.903	0.95	0.0052	-44.99	1.6056	0.0091	0.0009	0.0030	0.4930	1.6919
			0.0164	0.0024	-0.0064	0.7390	2.0433	-0.0111	-0.0012	-0.0038	0.5577	1.7305
			-0.0157	-0.0016		0.5344						
65	12	7	0.903	1.45	0.0077	-45.00	1.6863	0.0133	0.0013	0.0046	0.5076	1.7353
			0.0228	0.0029	-0.0090	0.6465	1.9214	-0.0147	-0.0013	-0.0055	0.4435	1.8627
			-0.0234	-0.0023		0.4987						
65	13	7	0.903	2.51	0.0126	-45.00	1.6619	0.0266	0.0027	0.0095	0.5077	1.7936
			0.0381	0.0044	-0.0154	0.5880	1.9094	-0.0332	-0.0029	-0.0117	0.4454	1.7646
			-0.0404	-0.0034		0.4320						
65	14	7	0.903	4.56	0.0202	-45.00	1.6835	0.0494	0.0059	0.0169	0.5064	1.7160
			0.0601	0.0073	-0.0281	0.6088	1.8494	-0.0678	-0.0054	-0.0233	0.3989	1.7203
			-0.0759	-0.0055		0.3637						
65	15	7	0.902	0.41	0.0028	-44.99	1.5529	-0.0012	-0.0001	-0.0003	0.4486	1.2613
			0.0092	0.0014	-0.0042	0.7610	2.0471	-0.0003	0.0000	-0.0005	-0.2707	9.5532
			-0.0104	-0.0012		0.5976						
66	1	7	0.702	5.57	-0.0166	-44.99	1.7217	-0.0581	-0.0029	-0.0202	0.2509	1.7424
			0.0482	0.0020	0.0139	0.2112	1.8166	0.0483	0.0031	0.0167	0.3285	1.7356
			-0.0382	-0.0026		0.3512						
66	2	7	0.702	1.51	-0.0060	-44.99	1.8405	-0.0275	-0.0017	-0.0103	0.3192	1.8776
			0.0164	0.0003	0.0052	0.1180	1.6439	0.0239	0.0011	0.0082	0.2371	1.7311
			-0.0158	-0.0008		0.2702						
66	3	7	0.703	0.48	-0.0010	-44.99	1.2705	-0.0094	-0.0003	-0.0043	0.2069	2.3196
			0.0042	0.0001	-0.0006	0.2022	0.6518	0.0100	0.0000	0.0036	0.0207	1.7886
			-0.0050	-0.0003		0.3100						

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
66	4	6 7 8	0.703 0.0033 -0.00016	0.005 -0.0001 -0.0001	0.0010 -0.0015 -0.0015	-4.499 0.6130 0.3970	1.5982 4.5244 1.6377	-0.0094 0.0033 0.0014	-0.0009 -0.0004 -0.0000	-0.0028 0.0012 -0.0004	1.5081 1.5030 -0.6219	1.5081 1.5030 -0.6219
66	5	6 7 8	0.703 0.0130 -0.00098	0.55 0.0010 -0.0005	0.0042 -0.0045 -0.0045	-4.499 0.4161 0.2821	1.6377 2.3165 1.7951	-0.0014 -0.0030 0.0063	-0.0000 -0.0006 0.0002	0.0004 -0.0014 -0.0038	1.5178 2.3979 0.2124	1.5178 2.3979 0.2124
66	6	6 7 8	0.703 0.0173 -0.00150	1.05 0.0012 -0.0010	0.0062 -0.0065 -0.0065	-4.499 0.3711 0.3392	1.7951 2.1579 1.6574	-0.0102 -0.0007 -0.0206	-0.0002 -0.0007 -0.0022	0.0026 -0.0038 -0.0052	2.0713 1.8642 0.3259	2.0713 1.8642 0.3259
66	7	6 7 8	0.702 0.0271 -0.00221	1.60 0.0021 -0.0010	0.0089 -0.0091 -0.0091	-4.499 0.4016 0.2470	1.6574 2.0558 1.7363	0.0160 -0.0206 0.0269	0.0010 -0.0022 -0.0027	0.0052 -0.0065 -0.0113	1.6409 1.5821 0.3682	1.6409 1.5821 0.3682
66	8	6 7 8	0.702 0.0358 -0.00364	2.61 0.0023 -0.0021	0.0124 -0.0136 -0.0136	-4.499 0.3319 0.2988	1.7363 1.8775 1.6933	-0.0344 -0.0629 -0.0481	-0.0027 -0.0034 0.0035	0.0096 -0.0113 -0.0217	1.7908 1.6527 0.3634	1.7908 1.6527 0.3634
66	9	6 7 8	0.702 0.0626 -0.00659	4.66 0.0043 -0.0026	0.0212 -0.0254 -0.0254	-4.499 0.3488 0.1974	1.6933 1.9254 1.8329	-0.0629 -0.0053 -0.0001	-0.0034 -0.0008 -0.0003	0.0168 -0.0217 0.0004	1.7272 0.2732 14.1878	1.7272 0.2732 14.1878
66	10	6 7 8	0.702 0.0105 -0.00090	0.54 0.0007 -0.0003	0.0032 -0.0039 -0.0039	-4.499 0.3501 0.2162	1.8329 2.1499 0.9575	-0.0001 -0.0053 -0.0314	-0.0003 -0.0008 0.0030	0.0004 -0.0018 -0.0088	1.7763 0.7763 0.4817	1.7763 0.7763 0.4817
68	20	6 7 8	0.702 0.0067 0.00016	-4.45 -0.0020 -0.0002	-0.0013 0.0013 0.0013	-0.00 1.4726 -0.7076	0.9575 4.0774 0.8346	-0.0314 0.0365 -0.0188	-0.0052 0.0052 -0.0018	0.0088 0.0085 -0.0054	1.4114 1.1696 0.5029	1.4114 1.1696 0.5029
68	21	6 7 8	0.703 0.0063 -0.00013	-2.56 -0.0017 -0.0001	-0.0010 0.0008 0.0008	-0.00 1.3975 0.7144	0.8346 -3.1596 0.7222	-0.0188 0.0247 -0.0079	-0.0034 0.0034 0.0004	-0.0054 0.0054 -0.0028	1.4494 1.1048 0.2594	1.4494 1.1048 0.2594
68	22	6 7 8	0.703 0.0058 -0.00010	-1.56 -0.0017 -0.0000	-0.0008 0.0008 0.0008	-1.00 1.5127 0.0604	0.7222 -4.0599 0.8921	-0.0079 0.0152 -0.0057	-0.0023 0.0023 0.0002	0.0028 0.0029 -0.0012	1.7676 0.9567 0.2318	1.7676 0.9567 0.2318
68	23	6 7 8	0.703 0.0070 0.00007	-1.06 -0.0019 0.0001	-0.0012 0.0008 0.0008	-0.00 1.3697 1.0764	0.8921 5.8812 0.703	-0.0057 0.0128 0.0007	-0.0002 0.0018 0.0001	-0.0012 0.0020 0.0001	1.1109 0.8047 0.7153	1.1109 0.8047 0.7153

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
68	24	6	0.702	-0.0015	-0.0006	-0.0006	-0.0006	1.5735	0.8340	-0.0015	0.0002	-0.0004	-0.0004	-0.6496	1.3519		
		8	-0.0016	-0.0003	0.0006	0.0006	1.1270	-1.9582	0.0099	0.0018	0.0010	0.0010	-0.9413	0.5165			
68	25	6	0.702	-0.0020	-0.0010	-0.0010	-0.0010	1.3415	0.6685	0.0024	0.0003	0.0006	0.0006	0.6554	1.3031		
		8	-0.0007	0.0001	0.0010	0.0010	1.0670	7.5091	0.0046	0.0010	-0.0004	-0.0004	1.1195	-0.4498			
68	26	6	0.703	0.0035	-0.0010	-0.0010	-0.0010	1.3211	0.6077	0.0067	0.0008	0.0017	0.0017	0.6034	1.2912		
		8	-0.0086	-0.0000	0.0008	0.0008	1.5142	-69.5682	0.0006	0.0003	-0.0012	-0.0012	2.9186	-9.5273			
68	27	6	0.701	1.0022	-0.0010	-0.0010	-0.0010	1.4018	0.6443	0.0165	0.0021	0.0040	0.0040	0.6343	1.2330		
		8	-0.0006	-0.0003	0.0008	0.0008	2.8657	-6.4616	-0.0082	-0.0005	-0.0037	-0.0037	0.5456	1.2643			
68	28	6	0.702	3.0022	-0.0010	-0.0010	-0.0010	1.4018	0.6443	0.0319	0.0036	0.0087	0.0087	0.5697	1.3674		
		8	-0.0009	-0.0000	0.0008	0.0008	1.4018	4.6467	-0.0210	-0.0016	-0.0080	-0.0080	0.5843	1.9031			
68	29	6	0.702	-0.0061	-0.0010	-0.0010	-0.0010	1.5350	0.7632	-0.0016	-0.0001	-0.0008	-0.0008	0.4502	2.5510		
		8	-0.0067	0.0001	0.0008	0.0008	1.0764	5.8812	0.0077	0.0011	0.0010	0.0010	0.7512	0.6589			
69	0	6	0.903	-4.0012	-0.0016	-0.0016	-0.0016	0.9112	1.1973	-0.0315	-0.0041	-0.0096	-0.0096	0.6524	1.5283		
		8	-0.0045	0.0004	0.0018	0.0018	0.4310	2.0064	0.0335	0.0059	0.0088	0.0088	0.8877	1.5201			
69	5	6	0.907	-4.0012	-0.0016	-0.0016	-0.0016	0.8658	1.1406	-0.0322	-0.0042	-0.0100	-0.0100	0.6525	1.5582		
		8	-0.0058	0.0004	0.0024	0.0024	0.3499	2.0628	0.0387	0.0059	0.0101	0.0101	0.7741	1.5094			
69	6	6	0.918	-4.0011	-0.0019	-0.0019	-0.0019	0.9319	1.2645	-0.0529	-0.0048	-0.0156	-0.0156	0.4553	1.4783		
		8	-0.0047	0.0007	0.0019	0.0019	0.8488	2.0449	0.0586	0.0060	0.0159	0.0159	0.5145	1.5605			
69	7	6	0.927	-4.0012	-0.0017	-0.0017	-0.0017	0.5411	1.5386	-0.0633	-0.0059	-0.0186	-0.0186	0.4708	1.4688		
		8	-0.0056	0.0012	0.0022	0.0022	0.8424	1.4749	0.0674	0.0069	0.0186	0.0186	0.5159	1.5939			
69	8	6	0.903	-4.0011	-0.0016	-0.0016	-0.0016	0.8454	1.2347	-0.0299	-0.0041	-0.0095	-0.0095	0.6938	1.5091		
		8	-0.0059	0.0006	0.0021	0.0021	0.5644	1.7765	0.0334	0.0058	0.0087	0.0087	0.6747	1.5058			

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key															
69	9	6	0.902	-0.236	-0.0011	-0.0013	-0.0006	-0.0014	-0.0008	-0.0013	-0.0014	-0.0008	-0.0013	-0.0014	-0.0008	-0.0013	-0.0014	-0.0008
		7	-0.8041	0.7646	0.0011	0.0013	0.0006	0.0014	0.0008	0.0013	0.0014	0.0008	0.0013	0.0014	0.0008	0.0013	0.0014	0.0008
		8	0.0048	0.0014	0.0013	0.0013	0.0014	0.0013	0.0014	0.0013	0.0014	0.0013	0.0014	0.0013	0.0014	0.0013	0.0014	0.0013
69	10	6	0.904	-1.47	-0.0010	-0.0013	-0.0006	-0.0013	-0.0008	-0.0013	-0.0008	-0.0013	-0.0008	-0.0013	-0.0008	-0.0013	-0.0008	-0.0013
		7	-0.0044	0.9659	0.0010	0.0013	0.0006	0.0013	0.0008	0.0013	0.0008	0.0013	0.0008	0.0013	0.0008	0.0013	0.0008	0.0013
		8	0.0045	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013
69	11	6	0.903	-3.90	-0.0011	-0.0014	-0.0006	-0.0014	-0.0008	-0.0014	-0.0008	-0.0014	-0.0008	-0.0014	-0.0008	-0.0014	-0.0008	-0.0014
		7	-0.0040	0.7646	0.0011	0.0014	0.0006	0.0014	0.0008	0.0014	0.0008	0.0014	0.0008	0.0014	0.0008	0.0014	0.0008	0.0014
		8	0.0051	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014
69	12	6	0.901	-0.47	-0.0013	-0.0016	-0.0006	-0.0016	-0.0008	-0.0016	-0.0008	-0.0016	-0.0008	-0.0016	-0.0008	-0.0016	-0.0008	-0.0016
		7	-0.0032	0.8095	0.0013	0.0016	0.0006	0.0016	0.0008	0.0016	0.0008	0.0016	0.0008	0.0016	0.0008	0.0016	0.0008	0.0016
		8	0.0056	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015
69	13	6	0.903	0.06	-0.0009	-0.0017	-0.0006	-0.0017	-0.0008	-0.0017	-0.0008	-0.0017	-0.0008	-0.0017	-0.0008	-0.0017	-0.0008	-0.0017
		7	-0.0045	0.6442	0.0009	0.0017	0.0006	0.0017	0.0008	0.0017	0.0008	0.0017	0.0008	0.0017	0.0008	0.0017	0.0008	0.0017
		8	0.0057	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015
69	14	6	0.902	-0.49	-0.0010	-0.0018	-0.0006	-0.0018	-0.0008	-0.0018	-0.0008	-0.0018	-0.0008	-0.0018	-0.0008	-0.0018	-0.0008	-0.0018
		7	-0.0047	0.5843	0.0010	0.0018	0.0006	0.0018	0.0008	0.0018	0.0008	0.0018	0.0008	0.0018	0.0008	0.0018	0.0008	0.0018
		8	0.0047	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012
69	15	6	0.902	-1.64	-0.0011	-0.0017	-0.0006	-0.0017	-0.0008	-0.0017	-0.0008	-0.0017	-0.0008	-0.0017	-0.0008	-0.0017	-0.0008	-0.0017
		7	-0.0046	0.8090	0.0011	0.0017	0.0006	0.0017	0.0008	0.0017	0.0008	0.0017	0.0008	0.0017	0.0008	0.0017	0.0008	0.0017
		8	0.0053	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011
69	16	6	0.904	5.52	-0.0011	-0.0017	-0.0006	-0.0017	-0.0008	-0.0017	-0.0008	-0.0017	-0.0008	-0.0017	-0.0008	-0.0017	-0.0008	-0.0017
		7	-0.0039	0.4654	0.0011	0.0017	0.0006	0.0017	0.0008	0.0017	0.0008	0.0017	0.0008	0.0017	0.0008	0.0017	0.0008	0.0017
		8	0.0056	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014	0.0014
70	1	6	1.004	-4.28	-0.0011	-0.0024	-0.0006	-0.0024	-0.0008	-0.0024	-0.0008	-0.0024	-0.0008	-0.0024	-0.0008	-0.0024	-0.0008	-0.0024
		7	-0.0028	0.0008	0.0011	0.0024	0.0006	0.0024	0.0008	0.0024	0.0008	0.0024	0.0008	0.0024	0.0008	0.0024	0.0008	0.0024
		8	0.0064	0.0008	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024
70	2	6	1.004	-2.21	-0.0009	-0.0015	-0.0006	-0.0015	-0.0008	-0.0015	-0.0008	-0.0015	-0.0008	-0.0015	-0.0008	-0.0015	-0.0008	-0.0015
		7	-0.0026	0.2197	0.0009	0.0015	0.0006	0.0015	0.0008	0.0015	0.0008	0.0015	0.0008	0.0015	0.0008	0.0015	0.0008	0.0015
		8	0.0042	0.0014	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015
70	3	6	1.004	-1.39	-0.0009	-0.0016	-0.0006	-0.0016	-0.0008	-0.0016	-0.0008	-0.0016	-0.0008	-0.0016	-0.0008	-0.0016	-0.0008	-0.0016
		7	-0.0029	0.1909	0.0009	0.0016	0.0006	0.0016	0.0008	0.0016	0.0008	0.0016	0.0008	0.0016	0.0008	0.0016	0.0008	0.0016
		8	0.0043	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015	0.0015

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
70	4	6	1.003	-0.0008	-0.0006	-0.0014	-0.0054	1.8201	-0.0061	-0.0010	-0.0022	-0.0029	0.0025	0.0303	1.1013	2.3923	1.2829
		8	-0.0018	-0.0012	0.0012	0.0014	1.7756	2.0085	0.0101	0.0022							
70	5	6	1.002	-0.0035	-0.0012	-0.0016	-0.0000	2.8791	0.0001	-0.0003	-0.0003	-0.0015	-0.0013	-14.6076	-64.2014	1.1571	1.1571
		8	-0.0021	0.0017	0.0016	0.0016	1.9404	1.9053	0.0059	0.0018							
70	6	6	1.002	-0.0017	-0.0010	-0.0017	-0.0000	1.9401	0.0031	-0.0000	-0.0014	-0.0002	-0.0004	-0.0716	-0.0716	-0.7236	-0.7236
		8	-0.0028	-0.0016	0.0016	0.0017	1.6882	1.8056	0.0027	0.0014							
70	7	6	1.001	-0.0010	-0.0010	-0.0017	-0.0000	1.6480	0.0067	0.0004	0.0004	0.0004	0.0004	0.3563	0.3563	0.3103	0.3103
		8	-0.0032	-0.0015	0.0015	0.0017	1.7541	2.0113	-0.0013	0.0007	0.0007	-0.0005	-0.0005	-2.6469	-2.6469	1.9842	1.9842
70	8	6	1.004	-0.0029	-0.0010	-0.0019	-0.0000	1.8179	0.0150	0.0017	0.0001	0.0026	0.0026	0.5674	0.5674	0.8923	0.8923
		8	-0.0055	0.0017	0.0019	0.0019	1.5429	1.7931	-0.0071	0.0001	0.0001	-0.0027	-0.0027	-0.0787	-0.0787	1.9048	1.9048
70	9	6	1.003	-0.0075	-0.0014	-0.0026	0.0000	1.4822	0.0240	0.0019	0.0019	0.0019	0.0019	0.0747	0.0747	1.0694	1.0694
		8	-0.0065	0.0014	0.0026	0.0026	1.0987	2.0419	-0.0232	-0.0019	-0.0019	-0.0069	-0.0069	0.4150	0.4150	1.5013	1.5013
71	1	6	0.406	-0.0015	-0.0050	-0.0050	-0.0000	-5.3925	-0.0320	-0.0062	-0.0066	-0.0126	-0.0105	0.5779	0.5779	1.9683	1.9683
		8	0.0160	0.0050	0.0050	0.0050	1.5668	1.5835	0.0358	0.0066	0.0066	0.0105	0.0105	0.9334	0.9334	1.4656	1.4656
71	2	6	0.407	-0.0068	-0.0041	-0.0059	-0.0000	-0.4165	-0.0209	-0.0038	-0.0035	-0.0067	-0.0065	1.3885	1.3885	1.6110	1.6110
		8	0.0136	0.0059	0.0059	0.0059	2.1824	-1.2213	0.0134	0.0035	0.0035	0.0065	0.0065	1.3070	1.3070	2.4245	2.4245
71	3	6	0.405	-0.0020	-0.0011	-0.0033	-0.0000	-2.7107	-0.0121	-0.0035	-0.0031	-0.0050	-0.0043	1.4734	1.4734	2.0790	2.0790
		8	0.0128	0.0054	0.0033	0.0033	2.1324	1.2950	0.0076	0.0031	0.0031	0.0043	0.0043	2.0348	2.0348	2.8268	2.8268
71		6	0.405	-0.0013	-0.0023	-0.0028	-0.0000	-4.5221	-0.0087	-0.0037	-0.0018	-0.0046	-0.0028	2.1587	2.1587	2.6613	2.6613
		8	0.0074	0.0037	0.0028	0.0028	2.5185	1.9113	0.0003	0.0018	0.0018	0.0028	0.0028	2.1646	2.1646	35.5691	35.5691
71	5	6	0.404	-0.0033	-0.0027	-0.0027	-0.0000	-1.6982	0.0003	-0.0014	-0.0023	-0.0022	-0.0022	-3.0477	-3.0477	-0.5273	-0.5273
		8	0.0019	0.0027	0.0027	0.0027	7.3501	-7.3669	0.0037	0.0023	0.0023	0.0022	0.0022	3.0477	3.0477	2.9239	2.9239

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
71	6	6	-0.0049	-0.0017	-0.0016	-0.9898	1.7360	0.0027	-0.0014	-0.0022	-2.6043	-4.0167
		6	-0.0026	0.0032	0.0027	6.0733	5.2198	-0.0048	0.0009	0.0005	-0.9803	-0.5783
71	9	6	-0.0045	0.0026	-0.0011	-0.5669	1.2910	0.0186	-0.0016	0.0017	0.4517	0.4715
		6	-0.0028	0.0033	0.0017	5.9400	3.0335	-0.0146	-0.0008	-0.0027	0.2767	0.9518
71	11	6	-0.0125	5.24	-0.0028	-0.000	1.1127	0.0532	0.0054	0.0109	0.5135	1.0268
		6	-0.0003	-0.0018	0.0022	24.5092	29.5720	-0.0432	-0.0032	-0.0121	0.3436	1.4036
72	4	6	1.207	-4.15	-0.0019	-0.000	1.7823	-0.0021	-0.0118	-0.0016	27.0580	3.8053
		6	-0.0053	-0.0001	0.0088	-0.0440	1.5213	0.0559	0.0078	0.0146	0.6998	1.3120
72	5	6	1.208	-2.22	-0.0014	-0.000	1.9562	-0.0217	-0.0033	-0.0073	0.7774	1.6853
		6	-0.0036	0.0000	0.0002	6.9817	2.7574	0.0271	0.0054	0.0066	1.0100	1.2177
72	6	6	1.207	-1.27	-0.0015	-0.000	1.5600	-0.0114	-0.0018	-0.0043	0.7868	1.9134
		6	-0.0048	0.0010	0.0001	-8.5994	-0.8751	0.0176	0.0036	0.0040	1.0350	1.1339
72	7	6	1.205	-0.79	-0.0016	-0.000	1.5436	-0.0062	-0.0007	-0.0029	0.6247	2.3441
		6	-0.0052	0.0002	0.0011	15.0492	22.1873	0.0119	0.0023	0.0027	1.0012	1.1322
72	8	6	1.206	-0.25	-0.0014	-0.000	1.5600	-0.0007	0.0000	-0.0011	-0.1079	8.0786
		6	-0.0046	0.0001	0.0011	1.2139	2.1948	0.0056	0.0010	0.0008	0.3504	0.7710
72	9	6	1.206	0.27	-0.0010	-0.000	1.3276	0.0071	0.0007	0.0009	0.4912	0.6743
		6	-0.0047	0.0009	0.0016	0.9697	1.7327	0.0010	0.0006	-0.0004	2.9988	-2.3239
72	10	6	1.205	0.63	-0.0007	-0.000	1.2313	0.0116	-0.0013	0.0020	0.5717	0.8729
		6	-0.0046	0.0005	0.0017	0.5626	1.9064	-0.0038	-0.0002	-0.0017	0.2953	2.2169
72	11	6	1.205	1.73	-0.0004	-0.000	0.8821	0.0215	0.0036	0.0046	0.8492	1.0712
		6	-0.0026	0.0012	0.0017	0.5198	1.5045	-0.0135	-0.0023	-0.0046	0.8701	1.6602

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key															
74	2	9 8	1.004 -0.0041 0.0036	-2.23 -0.0003 0.0010	-0.0011 0.0015	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001
74	3	9 8	1.002 -0.0030 0.0034	-1.26 -0.0001 0.0009	-0.0008 0.0012	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001
74	4	9 8	1.003 -0.0040 0.0044	-0.78 -0.0003 0.0011	-0.0011 0.0014	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001
74	5	9 8	1.003 -0.0042 0.0052	-0.32 -0.0004 0.0012	-0.0011 0.0016	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001
74	6	9 8	1.000 -0.0028 0.0046	-0.30 0.0000 0.0011	-0.0008 0.0015	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001
74	7	9 8	1.000 -0.0041 0.0056	-0.17 -0.0002 0.0013	-0.0010 0.0016	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001
74	8	9 8	1.002 -0.0047 0.0050	-0.71 -0.0004 0.0011	-0.0010 0.0016	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001
74	9	9 8	1.001 -0.0044 0.0049	-1.62 -0.0004 0.0009	-0.0009 0.0017	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001
74	10	9 8	1.002 -0.0053 0.0064	-3.74 -0.0006 0.0009	-0.0013 0.0021	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001
75	1	9 8	1.205 -0.0045 0.0177	-4.26 0.0004 -0.0010	-0.0014 0.0054	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001
75	2	9 8	1.205 -0.0053 0.0041	-2.25 0.0008 0.0016	-0.0013 0.0013	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001	-0.0001 0.0001

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
75	3	6	1.205	-1.29	-0.0014	-0.5863	1.6456	-0.0180	-0.0012	-0.0065	0.3399	1.8133
			-0.0043	0.0015	0.0016	1.4605	1.5844	0.0213	0.0020	0.0062	0.4801	1.4323
75	4	6	1.206	-0.64	-0.0012	-0.7812	1.6779	-0.0085	-0.0007	-0.0039	0.4499	2.3339
			-0.0038	0.0006	0.0021	0.6476	1.7160	0.0117	0.0009	0.0037	0.4042	1.5873
75	5	6	1.205	-0.28	-0.0015	-0.6826	1.7397	-0.0017	-0.0002	-0.0020	0.7777	5.8999
			-0.0043	0.0005	0.0024	0.5964	1.6726	0.0039	0.0006	0.0019	0.5205	1.6574
75	6	6	1.205	-0.29	-0.0012	-0.7350	1.5690	-0.0033	-0.0004	-0.0024	0.6592	3.7420
			-0.0040	0.0008	0.0023	0.6216	1.6514	0.0064	0.0005	0.0021	0.3872	1.6719
75	7	6	1.204	0.15	-0.0010	-0.4474	1.6788	0.0044	-0.0003	0.0001	-0.4058	0.1363
			-0.0030	0.0006	0.0024	0.4474	1.6265	-0.0009	-0.0000	0.0001	-0.4889	-0.6088
75	8	6	1.205	0.18	-0.0013	-0.1893	1.2054	0.0042	-0.0001	0.0000	-0.1891	0.0033
			-0.0056	0.0005	0.0024	0.3911	1.6623	-0.0009	-0.0000	0.0002	-0.4982	-1.1929
75	9	6	1.204	0.76	-0.0012	-0.1125	1.2412	0.0139	0.0001	0.0026	0.0644	0.9590
			-0.0050	0.0001	0.0024	0.3759	1.6044	-0.0101	-0.0002	-0.0027	0.1242	1.3674
75	10	6	1.205	1.73	-0.0011	-0.0879	1.2008	0.0293	0.0012	0.0071	0.2203	1.3131
			-0.0046	-0.0007	0.0022	0.4671	1.4173	-0.0265	-0.0007	-0.0072	0.1327	1.3131
75	11	6	1.205	3.72	-0.0005	0.0200	1.4910	0.0492	0.0056	0.0124	0.5623	1.2659
			-0.0018	-0.0009	0.0021	0.5837	1.3359	-0.0579	-0.0009	-0.0169	0.0800	1.4559
76	1	6	1.204	-4.24	-0.0012	-0.6271	1.6096	-0.0714	-0.0005	-0.0224	0.0409	1.5741
			-0.0039	0.0004	0.0020	0.8392	1.4429	0.0806	0.0002	0.0231	0.0159	1.4330
76	2	6	1.205	-2.24	-0.0012	-0.8890	2.2044	-0.0368	-0.0010	-0.0120	0.1431	1.6317
			-0.0028	0.0010	0.0023	0.6512	1.4251	0.0408	0.0011	0.0119	0.1383	1.4550

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
76	3	9	-1.2095	-1.829	-0.0012	-1.0592	1.7044	-0.0204	-0.0010	-0.0076	0.2508	1.8771
	8		-0.0086	0.0612	0.0025	0.7156	1.4645	0.0246	0.0011	0.0072	0.2304	1.4778
76	4	9	-1.204	-0.70	-0.0012	-1.2406	1.7812	-0.0094	-0.0004	-0.0045	0.2223	2.3829
	8		-0.0089	0.0008	0.0011	0.6306	1.4053	0.0135	0.0006	0.0042	0.2546	1.5679
76	5	9	-1.204	-0.30	-0.0013	-1.0501	1.8582	-0.0021	-0.0002	-0.0021	0.5774	5.0656
	8		-0.0036	0.0007	0.0026	0.4639	1.6339	0.0057	0.0003	0.0020	0.2642	1.7408
76	6	9	-1.206	0.24	-0.0011	-0.900	1.7491	0.0044	-0.0004	0.0000	-0.5061	0.0055
	8		-0.0032	0.0008	0.0026	0.3225	1.5449	-0.0018	0.0000	0.0000	-0.0304	-0.0183
76	7	9	-1.204	0.72	-0.0011	-0.7414	1.4267	0.0119	-0.0001	0.0023	-0.0759	0.9665
	8		-0.0039	0.0005	0.0022	0.4485	1.5476	-0.0101	-0.0002	-0.0025	0.1267	1.2549
76	8	9	-1.204	1.70	-0.0012	-0.6669	1.7243	0.0309	0.0002	0.0072	0.0330	1.1706
	8		-0.0035	0.0008	0.0021	0.5760	1.4577	-0.0267	-0.0004	-0.0073	0.0769	1.3761
76	9	9	-1.204	3.76	-0.0011	-0.3590	1.3532	0.0708	-0.0007	0.0188	-0.0496	1.3333
	8		-0.0081	0.0008	0.0022	0.5161	1.3899	-0.0662	0.0008	-0.0189	-0.0667	1.4276
77	4	9	-1.206	-4.18	-0.0015	-2.5668	1.3265	-0.0761	0.0015	-0.0218	-0.1028	1.4331
	8		-0.0058	0.0003	0.0015	0.3356	8.9187	0.0824	-0.0002	0.0229	-0.0123	1.3894
77	5	9	-1.205	-2.19	-0.0011	-0.993	1.3172	-0.0353	-0.0000	-0.0103	0.0041	1.4641
	8		-0.0045	0.0000	0.0016	0.6358	4.1500	0.0432	0.0011	0.0113	0.1385	1.3134
77	6	9	-1.204	-1.24	-0.0013	-1.040	1.4486	-0.0182	-0.0003	-0.0055	0.0850	1.5315
	8		-0.0044	0.0000	0.0020	0.1040	3.6126	0.0256	0.0010	0.0066	0.1952	1.2958
77	7	9	-1.205	-0.75	-0.0013	-0.900	1.4156	-0.0100	-0.0001	-0.0030	0.0695	1.5105
	8		-0.0045	0.0000	0.0021	-0.4876	3.8361	0.0168	0.0007	-0.0043	0.2087	1.2778

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key															
77	8	6 7 8	1.206	-0.021	-0.0012	0.1672	1.1902	-0.0006	0.0001	-0.0003	-0.0003	-0.9033	2.9148					
			-0.0054	-0.0001	0.0021	-1.8609	4.5657	0.0077	0.0003	0.0017	0.2050	1.1359						
			-0.0023	-0.0008														
77	9	6 7 8	1.204	0.26	-0.0012	0.3116	1.0722	0.0067	0.0001	0.0018	0.0749	1.3521						
			-0.0060	-0.0003	0.0022	-1.1549	3.8452	-0.0003	0.0001	-0.0007	-1.7635	10.3286						
			0.0029	-0.0006														
77	10	6 7 8	1.205	0.68	-0.0017	0.2241	1.3770	0.0132	0.0007	0.0033	0.2712	1.2847						
			-0.0064	-0.0002	0.0020	-1.1062	3.9255	-0.0058	0.0001	-0.0025	-0.0657	2.1867						
			0.0025	-0.0005														
77	11	6 7 8	1.205	1.75	-0.0011	0.00	1.2008	0.0315	0.0005	0.0008	0.0851	1.4055						
			-0.0049	-0.0001	0.0016	0.1879	3.4903	-0.0236	0.0000	-0.0077	-0.0078	1.6285						
			0.0024	-0.0003														
77	12	6 7 8	1.205	3.90	-0.0014	0.2697	1.3239	0.0754	-0.0008	0.0212	-0.0567	1.4078						
			-0.0053	-0.0002	0.0019	0.4047	2.8401	-0.0661	0.0014	-0.0197	-0.1064	1.4905						
			0.0033	-0.0002														
78	1	6 7 8	1.204	-4.24	-0.0016	0.00	1.6900	-0.0835	0.0020	-0.0242	-0.1251	1.4513						
			-0.0048	0.0003	0.0021	0.1823	1.0522	0.0862	-0.0024	0.0253	-0.1443	1.4684						
			0.0102	0.0008														
78	2	6 7 8	1.204	-4.09	-0.0012	0.00	1.8335	-0.0800	0.0018	-0.0234	-0.1136	1.4636						
			-0.0034	0.0007	0.0022	0.1347	1.1295	0.0837	-0.0022	0.0244	-0.1130	1.4630						
			0.0097	0.0002														
78	3	6 7 8	1.204	-2.35	-0.0013	0.00	1.8370	-0.0442	-0.0005	-0.0125	0.0626	1.4215						
			-0.0037	0.0010	0.0025	0.1105	1.1540	0.0471	-0.0004	0.0137	-0.0524	1.4542						
			0.0110	0.0002														
78	4	6 7 8	1.206	-1.30	-0.0014	0.00	1.9077	-0.0245	-0.0009	-0.0070	0.1987	1.4336						
			-0.0039	0.0009	0.0025	-0.0213	1.2066	0.0267	0.0001	0.0079	0.0278	1.4823						
			0.0105	-0.0000														
78	5	6 7 8	1.205	-0.86	-0.0012	0.00	2.1295	-0.0145	-0.0008	-0.0043	0.2897	1.4894						
			-0.0029	0.0010	0.0027	-0.0245	1.2550	0.0173	-0.0000	0.0053	-0.0082	1.5344						
			0.0110	-0.0000														
78	6	6 7 8	1.204	-0.21	-0.0013	0.00	1.5339	-0.0033	-0.0009	-0.0008	1.3759	1.2098						
			-0.0044	0.0007	0.0024	-0.0211	1.0968	0.0050	-0.0001	0.0018	-0.1659	1.7874						
			0.0111	-0.0000														

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
78	7	7	-1.205	0.068	-0.0014	-1.0790	1.8329	0.0036	-0.0001	0.0019	-0.7753	1.7578
		F	-0.0109	-0.0004	-0.0027	-0.2027	1.2684	-0.0039	-0.0001	-0.0010	0.1623	1.2738
78	8	7	-1.204	0.072	-0.0015	-0.0424	1.7110	0.0153	-0.0004	0.0044	-0.1414	1.4471
		8	-0.0113	-0.0003	0.0027	-0.1538	1.2212	-0.0136	-0.0005	-0.0033	0.1879	1.2348
78	9	6	-1.205	1.78	-0.0014	0.00	1.9077	0.0337	-0.0006	0.0095	-0.0917	1.4202
		8	-0.0106	-0.0001	0.0024	-0.0661	1.1402	-0.0310	-0.0001	-0.0086	0.0276	1.3881
78	10	7	-1.206	3.75	-0.0015	0.0767	1.8724	0.0763	-0.0024	0.0220	-0.1609	1.4435
		8	-0.0125	0.0000	0.0028	0.0114	1.1542	-0.0719	0.0014	-0.0203	-0.1001	1.4176
79	1	7	-1.007	-4.25	-0.0016	-0.00	1.4538	-0.0427	-0.0048	-0.0131	0.5724	1.5406
		8	-0.0057	-0.0005	0.0022	1.0764	5.8812	0.0541	0.0067	0.0143	0.6251	1.3255
79	2	7	-0.0492	-2.23	-0.0012	-0.5469	1.4643	-0.0221	-0.0026	-0.0077	0.5909	1.6661
		8	-0.0003	0.0004	-0.0016	-7.2096	-27.3600	0.0507	-0.0043	-0.0077	0.7068	1.2661
79	3	7	-1.003	-1.29	-0.0012	-0.999	1.2573	-0.0109	-0.0011	-0.0043	0.5093	1.9881
		8	-0.0049	-0.0006	0.0016	15.8408	60.4170	0.0199	0.0031	-0.0047	0.7914	1.1883
79	4	6	-1.004	-0.78	-0.0010	-0.00	1.2457	-0.0072	-0.0008	-0.0029	0.5612	2.0140
		8	-0.0043	-0.0005	0.0016	-8.9901	-46.8662	0.0152	0.0025	-0.0033	0.6183	1.1015
79	5	6	-1.003	-0.25	-0.0012	-0.947	1.0776	-0.0010	-0.0004	-0.0011	2.2065	5.4648
		8	-0.0056	-0.0007	0.0017	1.8633	3.8041	0.0035	0.0015	0.0017	0.6928	1.0190
79	6	7	-1.002	0.23	-0.0010	-0.999	1.1176	0.0039	0.0002	0.0005	0.3700	0.7067
		8	-0.0048	-0.0006	0.0016	3.2907	12.7628	0.0032	0.0010	0.0002	1.5528	0.4081
79	7	6	-1.004	0.74	-0.0012	-0.940	1.0776	0.0085	0.0006	0.0016	0.3965	0.9627
		8	-0.0055	-0.0007	0.0017	1.7613	4.1414	-0.0016	0.0001	-0.0010	-0.4668	5.2907

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run		Pt	Cd	See Key														
79	8	1.004	1.78	-0.0010	-0.0017	-0.0008	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005
	7	-0.0051	-0.0008	-0.0010	-0.0017	-0.0008	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005
	8	0.0017	0.0005	0.0017	0.0017	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
79	9	1.001	5.72	-0.0013	-0.0021	-0.0007	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
	7	-0.0055	-0.0007	-0.0013	-0.0021	-0.0007	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
	8	0.0022	0.0002	0.0021	0.0021	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
80	1	1.002	-4.26	-0.0015	-0.0018	-0.0003	-0.0005	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003
	7	-0.0051	-0.0003	-0.0015	-0.0018	-0.0003	-0.0005	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003
	8	0.0015	0.0005	0.0018	0.0018	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
80	2	1.001	-2.22	-0.0014	-0.0018	-0.0003	-0.0009	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003
	7	-0.0044	-0.0003	-0.0014	-0.0018	-0.0003	-0.0009	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003
	8	0.0024	0.0009	0.0018	0.0018	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009
80	3	1.004	-1.32	-0.0013	-0.0018	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005
	7	-0.0051	-0.0005	-0.0013	-0.0018	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005
	8	0.0011	0.0005	0.0018	0.0018	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
80	4	1.004	-0.71	-0.0012	-0.0019	-0.0003	-0.0005	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003
	7	-0.0040	-0.0003	-0.0012	-0.0019	-0.0003	-0.0005	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003
	8	0.0014	0.0005	0.0019	0.0019	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
80	5	1.003	-0.28	-0.0011	-0.0018	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004
	7	-0.0055	-0.0004	-0.0011	-0.0018	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004
	8	0.0016	0.0004	0.0018	0.0018	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004
80	6	1.003	0.19	-0.0011	-0.0019	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004
	7	-0.0043	-0.0004	-0.0011	-0.0019	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004
	8	0.0012	0.0004	0.0019	0.0019	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004
80	7	1.004	-0.69	-0.0013	-0.0018	-0.0005	-0.0004	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005
	7	-0.0057	-0.0004	-0.0013	-0.0018	-0.0005	-0.0004	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005
	8	0.0012	0.0004	0.0018	0.0018	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004
80	8	1.005	1.79	-0.0012	-0.0018	-0.0005	-0.0004	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005
	7	-0.0047	-0.0005	-0.0012	-0.0018	-0.0005	-0.0004	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005
	8	0.0019	0.0004	0.0018	0.0018	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004
80	9	1.003	3.72	-0.0012	-0.0019	-0.0006	-0.0002	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006
	7	-0.0049	-0.0006	-0.0012	-0.0019	-0.0006	-0.0002	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006
	8	0.0020	0.0002	0.0019	0.0019	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
81	1	9	1.002	-4.26	-0.0012	-0.0109	1.9641	-0.0547	-0.0070	-0.0163	0.6480	1.4956
	8		-0.0008	0.0003	0.0014	-2.0549	-8.6541	0.0619	0.0093	0.0167	0.7519	1.3523
81	2	9	1.003	-2.28	-0.0011	-0.0009	1.6480	-0.0285	-0.0046	-0.0087	0.8160	1.5247
	8		-0.0034	0.0007	0.0021	2.0767	5.6579	0.0345	0.0054	0.0093	0.7950	1.3563
81	3	9	1.002	-1.22	-0.0012	-0.0009	1.8520	-0.0131	-0.0023	-0.0044	0.8812	1.6906
	8		-0.0034	0.0006	0.0021	1.9667	6.3215	0.0184	0.0032	0.0051	0.8776	1.3910
81	4	9	1.004	-0.75	-0.0011	-0.0009	1.4787	-0.0080	-0.0014	-0.0028	0.8798	1.7598
	8		-0.0037	0.0007	0.0022	1.7647	5.1679	0.0126	0.0023	0.0035	0.9239	1.4173
81	5	9	1.004	-0.26	-0.0012	-0.0009	1.1819	-0.0018	-0.0005	-0.0007	1.5033	1.8824
	8		-0.0053	0.0006	0.0021	1.6407	5.2964	0.0072	0.0014	0.0019	0.9991	1.3240
81	6	9	1.004	0.22	-0.0012	0.0009	1.4233	0.0034	0.0003	0.0004	0.4520	0.9378
	8		-0.0016	0.0006	0.0019	1.9640	5.8646	0.0014	0.0006	0.0002	2.3618	0.9332
81	7	9	1.003	0.67	-0.0013	-0.0009	1.2388	0.0087	0.0011	0.0018	0.6810	1.0625
	8		-0.0056	0.0005	0.0018	2.3387	7.8132	-0.0037	-0.0002	-0.0013	0.3997	1.8425
81	8	9	1.003	1.73	-0.0011	-0.0009	1.1629	0.0223	0.0033	0.0057	0.7583	1.2783
	8		-0.0048	0.0005	0.0019	1.8254	6.6384	-0.0144	-0.0020	-0.0046	0.7113	1.6216
81	9	9	1.003	3.74	-0.0011	-0.0009	1.0757	0.0524	0.0067	0.0139	0.6468	1.3354
	8		-0.0051	0.0008	0.0019	1.3062	6.1135	-0.0439	-0.0055	-0.0128	0.6349	1.4685
82	1	9	1.004	-4.16	-0.0014	-0.0009	1.9478	-0.0747	-0.0035	-0.0220	0.2373	1.4756
	8		-0.0038	0.0006	0.0024	0.5560	1.3332	0.0788	0.0030	0.0237	0.1915	1.5082
82	2	9	1.001	-2.23	-0.0017	-0.0009	1.8523	-0.0363	-0.0031	-0.0112	0.4312	1.5467
	8		-0.0047	0.0006	0.0028	0.5704	1.3254	0.0398	0.0027	0.0123	0.3400	1.5440

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See Key

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TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

[illegible]

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key											
85	9	9	0.902	3.57	-0.0016	-0.0024	-0.0010	0.0010	0.0016	0.0020	0.0024	0.0028	0.0032	0.0036
	8	8	-0.0094	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
86	1	6	0.703	4.45	-0.0010	-0.0013	-0.0009	0.0005	0.0010	0.0013	0.0016	0.0019	0.0022	0.0025
	7	6	-0.0050	0.0009	0.0010	0.0013	0.0009	0.0005	0.0010	0.0013	0.0016	0.0019	0.0022	0.0025
	8	8	-0.0020	-0.0005	0.0010	0.0013	0.0009	0.0005	0.0010	0.0013	0.0016	0.0019	0.0022	0.0025
86	2	6	0.702	2.49	-0.0010	-0.0010	-0.0009	0.0003	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
	7	8	-0.0049	-0.0003	0.0010	0.0010	0.0009	0.0003	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
	8	8	-0.0027	-0.0003	0.0010	0.0010	0.0009	0.0003	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
86	3	6	0.703	1.59	-0.0012	-0.0010	-0.0012	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
	7	8	-0.0065	-0.0012	0.0010	0.0010	0.0012	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
	8	8	-0.0029	-0.0005	0.0010	0.0010	0.0012	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
86	4	6	0.703	0.98	-0.0017	-0.0010	-0.0017	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
	7	8	-0.0033	-0.0017	0.0010	0.0010	0.0017	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
	8	8	-0.0026	-0.0003	0.0010	0.0010	0.0017	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
86	5	6	0.703	0.52	-0.0019	-0.0010	-0.0019	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
	7	8	-0.0075	-0.0019	0.0010	0.0010	0.0019	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
	8	8	-0.0034	-0.0005	0.0010	0.0010	0.0019	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
86	6	6	0.703	0.08	-0.0019	-0.0010	-0.0019	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
	7	8	-0.0077	-0.0019	0.0010	0.0010	0.0019	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
	8	8	-0.0030	-0.0005	0.0010	0.0010	0.0019	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
86	7	6	0.702	0.36	-0.0023	-0.0010	-0.0023	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
	7	8	-0.0088	-0.0023	0.0010	0.0010	0.0023	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
	8	8	-0.0025	-0.0005	0.0010	0.0010	0.0023	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
86	8	6	0.702	1.42	-0.0015	-0.0010	-0.0015	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
	7	8	-0.0080	-0.0015	0.0010	0.0010	0.0015	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
	8	8	-0.0025	-0.0005	0.0010	0.0010	0.0015	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
86	9	6	0.701	3.42	-0.0022	-0.0010	-0.0022	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
	7	8	-0.0091	-0.0022	0.0010	0.0010	0.0022	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
	8	8	-0.0020	-0.0005	0.0010	0.0010	0.0022	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
87	1	6	0.702	4.49	-0.0019	-0.0010	-0.0019	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
	7	8	-0.0067	-0.0019	0.0010	0.0010	0.0019	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
	8	8	-0.0049	-0.0011	0.0010	0.0010	0.0019	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key													
87	2	6	0.703 -0.0076 -0.00041	-2.47 -0.0019 -0.0009	-0.0006 1.1234 1.1234	-0.0002 1.1234 1.1234	0.4129 -1.3179 -0.0014	-0.0321 0.0027 -0.0070	0.2330 0.4254 0.2330	1.4388 1.2555 1.4388						
87	3	6	0.704 -0.0092 -0.00038	-1.57 -0.0023 -0.0007	-0.0012 1.2514 0.9751	-0.0000 1.2514 0.9751	0.6917 -1.7004 -0.0006	-0.0149 0.0229 -0.0017	0.2265 0.2797 0.2265	1.4706 1.2480 1.4706						
87	4	6	0.702 -0.0083 -0.00028	-0.99 -0.0017 -0.0007	-0.0015 1.0660 1.3341	-0.0000 1.0660 1.3341	0.2951 -2.6777 0.0001	-0.0082 0.0155 0.0009	-0.0822 -0.2943 -0.0822	1.3439 1.2265 1.3439						
87	5	6	0.702 -0.0082 -0.00053	-0.51 -0.0022 -0.0010	-0.0004 1.3335 1.0140	-0.0000 1.3335 1.0140	0.2512 -0.8016 0.0005	-0.0010 0.0092 0.0004	-2.8119 -0.2438 -2.8119	3.2426 0.9122 3.2426						
87	6	6	0.702 -0.0092 -0.00032	-0.05 -0.0027 -0.0007	-0.0006 1.1252 1.1252	-0.0000 1.1252 1.1252	0.3406 -1.6396 0.0006	0.0029 0.0047 0.0001	1.5071 0.1502 1.5071	2.2545 0.4419 2.2545						
87	7	6	0.703 -0.0099 -0.00032	0.44 -0.0024 -0.0007	-0.0006 1.2331 1.1252	-0.0000 1.2331 1.1252	0.3129 -1.6396 0.0013	-0.0090 -0.0030 -0.0006	0.7337 1.0925 0.7337	1.5630 1.0443 1.5630						
87	8	6	0.701 -0.0094 -0.00028	1.56 -0.0024 -0.0007	-0.0006 1.2331 1.3331	-0.0000 1.2331 1.3331	0.3298 -2.3080 0.0022	0.0214 -0.0126 -0.0010	0.5245 0.4210 0.5245	1.4785 1.9966 1.4785						
87	9	6	0.702 -0.0086 -0.00024	3.48 -0.0022 -0.0005	-0.0006 1.3156 1.1306	-0.0000 1.3156 1.1306	0.3604 -2.5867 0.0042	0.0473 -0.0371 -0.0032	0.4478 0.4415 0.4478	1.4763 1.6112 1.4763						
88	1	6	0.703 -0.0086 -0.00036	-4.47 -0.0021 -0.0009	-0.0008 1.2585 1.2838	-0.0000 1.2585 1.2838	0.5015 -1.5019 0.0032	-0.0542 0.0640 -0.0044	0.2998 0.3471 0.2998	1.4048 1.3157 1.4048						
88	2	6	0.703 -0.0081 -0.00041	-2.47 -0.0021 -0.0009	-0.0008 1.3386 1.1234	-0.0000 1.3386 1.1234	0.5331 -1.3179 0.0010	-0.0249 0.0340 -0.0023	0.2192 0.3512 0.2192	1.4356 1.2351 1.4356						
88	3	6	0.704 -0.0089 -0.00049	-1.54 -0.0026 -0.0011	-0.0006 1.5050 1.1209	-0.0000 1.5050 1.1209	0.3565 -0.8842 0.0001	-0.0122 0.0207 -0.0008	0.0694 0.2084 0.0694	1.5411 1.2951 1.5411						

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
88	4	9	0.704	-0.0010	-0.0010	-0.0010	-0.0010	-0.0010	-0.0010	-0.0010	-0.0010	-0.0010	-0.0010	-0.0010	-0.0010	-0.0010	-0.0010
		8	-0.0041	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009
88	5	9	0.703	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006
		8	-0.0017	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003
88	6	9	0.701	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006
		8	-0.0025	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005
88	7	9	0.702	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006
		8	-0.0032	-0.0007	-0.0007	-0.0007	-0.0007	-0.0007	-0.0007	-0.0007	-0.0007	-0.0007	-0.0007	-0.0007	-0.0007	-0.0007	-0.0007
88	8	9	0.703	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006
		8	-0.0048	-0.0010	-0.0010	-0.0010	-0.0010	-0.0010	-0.0010	-0.0010	-0.0010	-0.0010	-0.0010	-0.0010	-0.0010	-0.0010	-0.0010
88	9	9	0.702	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006
		8	-0.0035	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009
89	1	9	0.702	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006
		8	-0.0022	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004
89	2	9	0.702	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006
		8	-0.0030	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
89	3	9	0.701	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006
		8	-0.0027	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004
89	4	9	0.702	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006
		8	-0.0029	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
89	5	9	0.702	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006
		8	-0.0038	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key															
89	6	6	0.702	-0.0017	-0.0012	-0.0012	1.0628	-0.0000	0.7663	0.0033	0.0030	0.0008	0.0005	0.0013	0.0002	-0.0006	1.2806	1.3322
		7	-0.0027	-0.0004	0.0012	0.0012	1.07523	0.0000	2.3394	0.0030	0.0030	0.0008	-0.0005	0.0002	0.0002	-0.0006	1.2806	1.3400
89	7	6	0.702	0.40	-0.0012	-0.0012	0.9906	0.0000	0.7948	0.0102	0.0046	0.0011	0.0010	0.0034	0.0014	0.0033	1.5533	1.7193
		7	-0.0043	-0.0000	0.0017	0.0017	0.0853	0.0000	1.9963	-0.0046	-0.0046	-0.0010	-0.0010	-0.0014	-0.0014	0.0033	1.0979	1.5772
89	8	6	0.702	1.56	-0.0012	-0.0012	1.2585	0.0000	0.5015	0.0246	0.0192	0.0018	0.0020	0.0089	0.0069	0.0033	0.3708	1.6397
		7	-0.0035	-0.0002	0.0012	0.0012	0.3376	0.0000	1.8194	-0.0192	-0.0192	-0.0020	-0.0020	-0.0069	-0.0069	0.0033	0.3708	1.6397
89	9	6	0.703	5.40	-0.0012	-0.0012	1.0670	0.0000	0.6997	0.0525	0.0457	0.0035	0.0037	0.0161	0.0140	0.0033	0.3708	1.5343
		7	-0.0090	-0.0002	0.0012	0.0012	0.3854	0.0000	2.1111	-0.0457	-0.0457	-0.0037	-0.0037	-0.0140	-0.0140	0.0033	0.3708	1.5343
89	10	6	0.703	-0.54	-0.0012	-0.0012	1.2585	0.0000	0.5015	-0.0027	0.0083	0.0004	-0.0006	-0.0023	-0.0023	-0.0033	0.7503	1.5891
		7	-0.0033	-0.0000	0.0010	0.0010	0.0763	0.0000	1.5370	0.0083	0.0083	-0.0006	-0.0006	-0.0023	-0.0023	-0.0033	0.7503	1.5891
90	4	6	0.402	4.63	-0.0017	-0.0017	0.5767	0.0000	1.2811	-0.0502	0.0595	-0.0026	0.0046	-0.0157	0.0152	0.0033	0.2595	1.5708
		7	-0.0089	-0.0014	0.0017	0.0017	0.8050	0.0000	-1.0245	0.0595	0.0595	-0.0046	-0.0046	-0.0152	-0.0152	0.0033	0.2595	1.5708
90	5	6	0.402	2.58	0.0000	0.0000	0.4850	0.0000	-0.0183	-0.0249	0.0303	-0.0015	0.0030	-0.0076	0.0067	0.0033	0.3123	1.5268
		7	-0.0012	0.0000	0.0005	0.0005	0.624	0.0000	-0.02553	0.0303	0.0303	-0.0030	-0.0030	-0.0067	-0.0067	0.0033	0.3123	1.5268
90	6	6	0.402	1.72	-0.0011	-0.0011	0.7120	0.0000	1.6738	-0.0113	0.0222	0.0001	0.0021	-0.0058	0.0050	-0.0033	0.0869	2.5640
		7	-0.0034	-0.0014	0.0005	0.0005	0.6796	0.0000	-0.2731	0.0222	0.0222	0.0021	0.0021	-0.0050	-0.0050	-0.0033	0.0869	2.5640
90	7	6	0.403	1.18	-0.0005	-0.0005	1.9481	0.0000	0.7730	-0.0067	0.0183	0.0006	0.0022	-0.0040	0.0033	-0.0033	0.4508	3.0129
		7	-0.0036	-0.0014	0.0005	0.0005	0.4850	0.0000	-0.2953	0.0183	0.0183	0.0022	0.0022	-0.0033	-0.0033	-0.0033	0.4508	3.0129
90	8	6	0.403	0.68	-0.0011	-0.0011	0.9629	0.0000	1.0367	-0.0001	0.0120	0.0014	0.0008	-0.0017	-0.0016	-0.0033	0.2202	75.9656
		7	-0.0054	-0.0009	0.0011	0.0011	0.4894	0.0000	-0.5907	0.0120	0.0120	0.0008	0.0008	-0.0016	-0.0016	-0.0033	0.2202	75.9656
90	9	6	0.402	0.23	-0.0005	-0.0005	1.5052	0.0000	0.3565	0.0007	0.0060	0.0004	0.0004	0.0000	0.0000	0.0033	0.0013	0.0034
		7	-0.0074	-0.0004	0.0005	0.0005	0.3052	0.0000	-0.3795	0.0060	0.0060	0.0004	0.0004	0.0000	0.0000	0.0033	0.0013	0.0034

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key											
90	10	6	0.402 -0.0101 -0.0062	0.26 -0.0014 -0.0004	-0.0022 0.0011 -0.0009	-0.0009 0.3850 0.0000	1.1176 -0.9215 -0.0067	0.0067 0.0045 0.0019	0.0008 0.0019 -0.0003	0.0003 -0.0017 -0.0003	2.1249 -0.4346 -1.8374			
90	11	6	0.402 -0.0098 -0.0083	1.30 -0.0028 -0.0009	0.0000 0.0011 -0.0009	0.4169 1.45721 0.0000	-0.0124 -0.6856 -0.0206	-0.0110 -0.0002 -0.0050	0.0021 -0.0050 -0.0050	0.0058 0.1303 0.0000	0.5191 1.4143 2.2918			
90	12	6	0.402 -0.0078 -0.0075	3.34 -0.0023 -0.0004	-0.0005 0.0005 -0.0005	1.5053 0.3052 0.0000	0.3565 -0.3795 -0.0410	-0.0290 -0.0014 -0.0164	0.0033 -0.0014 -0.0107	0.4033 0.2376 0.0000	1.4248 1.4248 1.4248			
91	1	6	0.403 -0.0047 -0.0083	-4.59 -0.0004 -0.0009	-0.0017 0.0005 -0.0005	-0.0009 0.5195 0.5674	1.8141 -0.3434 -0.0523	-0.0636 -0.0036 -0.0021	-0.0021 -0.0036 -0.0164	0.2005 0.2851 0.0000	1.5738 1.5738 1.5738			
91	2	6	0.402 -0.0034 -0.0084	-2.70 -0.0005 -0.0009	-0.0017 0.0017 -0.0017	-0.0009 0.7353 0.5767	2.4955 -1.0245 -0.0243	-0.0321 -0.0015 -0.0070	-0.0015 -0.0096 -0.0096	0.2232 0.2412 0.0000	1.4548 1.5053 1.5053			
91	3	6	0.402 -0.0035 -0.0084	-1.70 -0.0005 -0.0009	-0.0023 0.0011 -0.0011	-0.0009 0.7594 0.5721	3.3024 -0.6856 -0.0094	0.0186 0.0007 0.0006	-0.0007 -0.0051 -0.0051	-0.3475 0.2007 -0.0000	2.1811 1.3671 1.3671			
91	4	6	0.403 -0.0026 -0.0089	-1.13 -0.0000 -0.0004	-0.0017 0.0011 -0.0011	-0.0009 0.8378 0.2606	3.2391 -0.6438 -0.0063	-0.0118 -0.0001 -0.0001	-0.0001 -0.0028 -0.0028	-0.0839 1.1957 2.3024				
91	5	6	0.403 -0.0030 -0.0025	-0.67 -0.0014 -0.0009	-0.0023 0.0017 -0.0017	-0.0009 0.8050 -1.9117	1.2811 0.0100 -3.4321	0.0040 0.0004 0.0100	0.0024 0.0004 0.0000	3.0013 0.1983 0.0000	0.0034 0.5602 0.5602			
91	6	6	0.401 -0.0055 -0.0063	-0.23 -0.0004 -0.0000	-0.0011 0.0011 -0.0011	-0.0009 0.8629 0.3850	1.0367 -0.9215 -0.0053	0.0053 -0.0000 -0.0000	0.0014 0.0000 0.0000	1.0998 -0.0435 0.0000	0.0045 0.5317 0.5317			
91	7	6	0.402 -0.0089 -0.0054	-0.23 -0.0014 -0.0000	-0.0017 0.0011 -0.0011	-0.0009 0.7961 -0.0061	0.9605 -1.0580 -0.0052	0.0058 -0.0000 -0.0000	0.0018 0.0000 0.0011	1.6358 -0.0548 -0.0000	1.0159 1.0743 1.0743			
91	8	6	0.402 -0.0076 -0.0062	0.22 -0.0014 -0.0004	-0.0017 0.0011 -0.0011	-0.0009 0.8411 0.3850	1.1258 -0.9215 -0.0042	0.0088 0.0009 0.0000	0.0013 -0.0009 -0.0000	0.7611 1.1143 -0.0000	0.9942 -0.0047 -0.0047			

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key											
91	9	9	0.404 -0.0109 -0.0054	1.27 -0.0000 -0.0000	-0.0022 -0.0017 -0.0017	-0.0009 0.8629 0.0053	1.0367 -1.5773 -1.5773	0.0226 -0.0172 -0.0172	0.0025 -0.0016 -0.0016	-0.0046 0.5720 0.5720	1.0263 1.0159 1.0159			
91	10	9	0.402 -0.0081 -0.0041	3.29 -0.0000 -0.0000	-0.0022 -0.0017 -0.0017	-0.0009 0.8629 0.0053	1.4065 -2.0887 -2.0887	0.0469 -0.0330 -0.0330	0.0037 -0.0024 -0.0024	0.0110 0.3949 0.3949	1.1812 1.1812 1.1812			
92	1	9	0.405 -0.0005 -0.0048	4.61 -0.0004 -0.0004	-0.0011 -0.0011 -0.0011	-0.0009 0.8629 0.0053	10.3728 -1.1740 -1.1740	-0.0574 0.0679 0.0679	-0.0014 0.0025 0.0025	-0.0192 0.1301 0.1301	1.6760 1.4476 1.4476			
92	2	9	0.401 -0.0039 -0.0027	2.63 -0.0000 -0.0009	-0.0017 -0.0017 -0.0017	-0.0009 0.8629 1.6370	2.1791 3.0845 3.0845	-0.0224 -0.0352 -0.0352	-0.0001 -0.0019 -0.0019	-0.0033 0.0246 0.0246	2.0870 1.3580 1.3580			
92	3	9	0.401 -0.0026 -0.0027	1.70 -0.0000 -0.0000	-0.0011 -0.0011 -0.0011	-0.0009 0.8629 0.0053	2.1791 -2.0887 -2.0887	-0.0135 0.0227 0.0227	-0.0002 -0.0016 -0.0016	-0.0052 0.0973 0.0973	1.9455 1.3636 1.3636			
92	4	9	0.402 -0.0013 -0.0027	1.25 -0.0000 -0.0009	-0.0017 -0.0017 -0.0017	-0.0009 0.8629 1.6370	5.2744 3.0845 3.0845	-0.0046 -0.0172 -0.0172	0.0007 -0.0039 -0.0039	-0.0040 -0.1415 -0.1415	4.3580 1.1406 1.1406			
92	5	9	0.402 -0.0046 -0.0027	0.70 -0.0004 -0.0009	0.0000 0.0000 0.0017	-0.0009 0.8629 1.6370	-0.0162 -3.0845 -3.0845	-0.0045 -0.0119 -0.0119	-0.0004 -0.0008 -0.0008	-0.0029 0.4509 0.4509	3.2977 0.9324 0.9324			
92	6	9	0.403 -0.0039 -0.0014	0.23 -0.0000 -0.0000	-0.0017 -0.0017 -0.0017	-0.0009 0.8629 0.0053	2.1791 -4.0599 -4.0599	0.0082 0.0026 0.0026	-0.0000 -0.0000 -0.0000	-0.0005 -0.1021 -0.1021	0.3521 -0.0054 -0.0054			
92	7	9	0.401 -0.0094 -0.0019	0.32 -0.0004 -0.0004	-0.0028 -0.0017 -0.0017	-0.0009 0.8629 1.6370	1.5141 4.3206 4.3206	0.0121 -0.0066 -0.0066	-0.0008 -0.0008 -0.0008	-0.0034 0.7353 0.7353	1.4418 1.0990 1.0990			
92	8	9	0.402 -0.0088 -0.0007	1.31 -0.0004 -0.0004	-0.0016 -0.0011 -0.0011	-0.0009 0.8629 1.6370	0.9605 8.0163 8.0163	0.0264 -0.0161 -0.0161	-0.0025 -0.0002 -0.0002	-0.0037 0.4782 0.4782	1.0973 1.0902 1.0902			
92	9	9	0.401 -0.0067 -0.0019	0.28 -0.0000 -0.0004	-0.0011 -0.0017 -0.0017	-0.0009 0.8629 1.6370	0.8369 4.3206 4.3206	-0.0530 -0.0391 -0.0391	-0.0035 -0.0013 -0.0013	-0.0145 0.3302 0.3302	1.3685 1.1709 1.1709			

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key															
92	10	6 7 8	0.400 -0.0067 0.0028	-0.0009 0.0009 0.0000	-0.0011 0.0011 0.0000	-0.0011 0.6877 1.6352	0.8369 2.0269 0.0109	-0.0026 0.0015 -0.0006	-0.0023 0.0028 -0.0028	-2.8444 -0.2803 4.3640 1.2824								
94	4	6 7 8	0.700 -0.0049 -0.0000	-4.47 0.0003 -0.0002	-0.0021 0.0028 2.45.5125	-0.00 -0.3585 -0.00	2.2286 -0.0768 0.0823	-0.0039 0.0057 0.0057	-0.0286 0.0296 0.0296	0.2593 0.3479 1.8663 1.7976								
94	5	6 7 8	0.699 -0.0037 0.0013	-2.52 0.0001 -0.0000	-0.0017 0.0021 -0.0021	-0.00 -0.2251 -0.2216	2.3568 8.0984 0.0409	-0.0029 0.0038 0.0038	-0.0147 0.0144 0.0144	0.3644 0.4740 1.8516 1.7619								
94	6	6 7 8	0.699 -0.0019 0.0013	-1.50 0.0003 -0.0000	-0.0013 0.0024 -0.0024	-0.00 -0.9048 -0.2421	3.4287 9.0121 0.0300	-0.0016 0.0031 0.0031	-0.0093 0.0101 0.0101	0.3337 0.5187 1.8969 1.6847								
94	7	6 7 8	0.698 -0.0016 0.0012	-1.07 0.0005 -0.0004	-0.0013 0.0024 -0.0024	-0.00 -1.6378 -1.7691	4.0706 9.7876 0.0220	-0.0006 0.0019 0.0019	-0.0060 0.0075 0.0075	0.2164 0.4379 1.9309 1.7150								
94	8	6 7 8	0.700 -0.0050 0.0020	-0.0000 -0.0002 -0.0002	-0.0021 0.0028 -0.0028	-0.00 0.0186 -0.6623	2.1791 7.0956 0.0137	-0.0007 0.0012 0.0012	-0.0042 0.0053 0.0053	0.3164 0.4010 1.8080 1.7024								
94	9	6 7 8	0.699 -0.0057 0.0030	-0.0011 -0.0002 -0.0002	-0.0017 0.0030 -0.0030	-0.00 0.1545 -0.4651	1.5069 5.1187 0.0069	0.0001 0.0008 0.0008	-0.0004 0.0019 0.0019	-1.5030 0.6024 3.3615 1.5871								
94	10	6 7 8	0.701 -0.0045 0.0015	0.33 -0.0003 -0.0008	-0.0013 0.0028 -0.0028	-0.00 0.3954 -2.5668	1.4233 8.9187 0.0086	0.0009 0.0005 0.0005	0.0028 -0.0012 -0.0012	-0.5736 -3.6150 1.6733 12.5293								
94	11	6 7 8	0.699 -0.0050 0.0028	1.39 -0.0003 -0.0006	-0.0015 0.0030 -0.0030	-0.00 0.3583 -1.1233	1.4977 5.3072 0.0237	0.0016 -0.0004 -0.0004	0.0089 -0.0070 -0.0070	0.3227 0.1404 1.7271 2.1594								
94	12	6 7 8	0.699 -0.0045 0.0045	3.32 -0.0003 -0.0002	-0.0013 0.0030 -0.0030	0.00 0.3954 -0.3230	1.4233 3.4073 0.0547	0.0038 -0.0031 -0.0031	0.0197 -0.0179 -0.0179	0.3496 0.3296 1.8052 1.8922								
95	1	6 7 8	0.698 -0.0059 0.0027	-4.50 -0.0001 -0.0004	-0.0022 0.0033 -0.0033	-0.00 0.1676 -0.8720	1.8803 6.1391 0.0577	-0.0039 0.0060 0.0060	-0.0226 0.0233 0.0233	0.3445 0.4492 1.9607 1.7402								

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
95	2	6	0.699	-2.55	-0.0010	-0.2365	1.4371	-0.0317	-0.0024	-0.0121	0.3919	1.9093
		7	-0.0038	-0.0002	0.0019	0.1215	9.2673	0.0375	0.0041	0.0123	0.3543	1.6447
		8	-0.0010	-0.0002	-0.0019	-1.1215						
95	3	6	0.699	-1.54	-0.0013	-0.4500	1.5954	-0.0206	-0.0013	-0.0077	0.3239	1.8864
		7	-0.0041	-0.0002	0.0024	0.5124	4.7443	0.0266	0.0026	0.0085	0.4899	1.6144
		8	0.0025	-0.0002	-0.0024	-0.5124						
95	4	6	0.699	-1.06	-0.0015	-0.909	1.5924	-0.0124	-0.0009	-0.0046	0.3663	1.8736
		7	-0.0047	-0.0006	0.0024	1.6223	6.2334	0.0178	0.0019	0.0053	0.5532	1.4920
		8	0.0019	-0.0006	-0.0024	-1.6223						
95	5	6	0.699	-0.59	-0.0017	-0.987	1.8179	-0.0050	-0.0000	-0.0021	0.0968	2.1658
		7	-0.0047	-0.0001	0.0028	0.1143	3.2974	0.0137	0.0016	0.0035	0.6036	1.3088
		8	0.0042	-0.0000	-0.0028	-0.1143						
95	6	6	0.699	-0.00	-0.0012	-0.3954	1.4233	0.0030	0.0006	0.0008	1.0998	0.0043
		7	-0.0044	-0.0004	0.0025	0.8307	4.8287	0.0058	0.0008	0.0008	0.7223	0.7123
		8	0.0026	-0.0004	-0.0025	-0.8307						
95	7	6	0.700	0.35	-0.0014	-0.4195	1.1937	0.0073	0.0006	0.0017	0.4186	1.1753
		7	-0.0061	-0.0005	0.0025	1.0949	4.5020	0.0024	0.0009	-0.0008	1.6079	-1.6882
		8	0.0028	-0.0006	-0.0025	-1.0949						
95	8	6	0.700	1.39	-0.0014	-0.909	1.0027	0.0230	-0.0025	-0.0068	0.5510	1.4902
		7	-0.0073	-0.0012	0.0031	0.8330	3.9291	-0.0129	-0.0004	-0.0060	0.1862	2.3187
		8	0.0040	-0.0004	-0.0031	-0.5724						
95	9	6	0.701	3.40	-0.0012	-0.7544	1.0893	0.0499	0.0044	0.0176	0.4437	1.7702
		7	-0.0057	-0.0008	0.0027	0.6267	3.8380	-0.0393	-0.0021	-0.0160	0.2778	2.0350
		8	0.0035	-0.0004	-0.0027	-0.6267						
96	1	6	0.700	-4.53	-0.0019	-0.8387	3.1582	-0.0867	-0.0028	-0.0331	0.1620	1.9098
		7	-0.0030	0.0005	0.0039	0.2875	1.5441	0.0919	0.0036	0.0343	0.1979	1.8656
		8	0.0127	0.0007	-0.0039	-0.2875						
96	2	6	0.699	-2.41	-0.0015	-0.909	3.1695	-0.0424	-0.0017	-0.0168	0.2006	1.9821
		7	-0.0024	0.0002	0.0032	0.7132	1.5802	0.0445	0.0022	0.0168	0.2578	1.8920
		8	0.0103	0.0002	-0.0032	-0.7132						
96	3	6	0.700	-1.54	-0.0015	-0.909	2.2506	-0.0256	-0.0008	-0.0099	0.1690	1.9367
		7	-0.0033	0.0003	0.0032	0.5256	1.3353	0.0276	0.0018	0.0102	0.3275	1.8525
		8	0.0106	-0.0003	-0.0032	-0.5256						

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
96	4	6 7 8	0.700	-1.13	-0.0015	-0.2632	2.3846	-0.0193	-0.0009	-0.0077	0.2507	1.9928
			-0.0031	0.0002	0.0034	-0.1000	1.6875	0.0202	0.0013	0.0076	0.3341	1.8667
			0.0103	0.0000	0.0000	0.1000						
96	5	6 7 8	0.699	-0.60	-0.0013	-0.7334	2.7272	-0.0098	-0.0005	-0.0035	0.2929	1.7914
			-0.0023	0.0003	0.0028	0.1885	1.3277	0.0106	0.0009	0.0034	0.4515	1.6022
			0.0107	0.0004	0.0000	0.1885						
96	6	6 7 8	0.700	-0.11	-0.0017	-0.1911	1.8609	-0.0019	0.0000	-0.0006	-0.0036	1.7184
			-0.0046	0.0001	0.0034	0.1726	1.5665	0.0023	-0.0000	0.0014	-0.0056	2.5486
			0.0111	0.0003	0.0000	0.1726						
96	7	6 7 8	0.700	0.31	-0.0017	-0.2061	2.0799	0.0085	0.0009	0.0022	0.3726	1.2842
			-0.0041	0.0000	0.0034	0.0123	1.7394	-0.0044	-0.0003	-0.0014	0.3346	1.6486
			0.0100	0.0000	0.0000	0.0123						
96	8	6 7 8	0.700	1.44	-0.0021	0.1344	1.6063	0.0276	0.0017	0.0096	0.3239	1.7472
			-0.0066	-0.0001	0.0039	0.0783	1.6629	-0.0217	-0.0011	-0.0084	0.2557	1.9446
			0.0117	0.0001	0.0000	0.0783						
96	9	6 7 8	0.700	3.36	-0.0023	0.1400	1.7656	0.0650	0.0032	0.0237	0.2491	1.4219
			-0.0067	-0.0001	0.0041	0.0011	1.8849	-0.0622	-0.0036	-0.0226	0.2898	1.8167
			0.0109	0.0000	0.0000	0.0011						
96	10	6 7 8	0.699	-0.55	-0.0012	-0.2482	1.7743	-0.0114	-0.0003	-0.0039	0.1586	1.7288
			-0.0036	0.0003	0.0032	0.1957	1.6103	0.0120	0.0009	0.0042	0.3857	1.7617
			0.0101	0.0003	0.0000	0.1957						
97	4	6 7 8	1.203	-4.22	-0.0026	-0.9042	2.4086	-0.0576	-0.0084	-0.0233	0.7320	2.0238
			-0.0054	0.0009	0.0080	0.6893	1.9958	0.1030	-0.0006	0.0383	-0.0321	1.6626
			0.0201	-0.0027	0.0000	0.6893						
97	5	6 7 8	1.203	-2.26	-0.0022	-1.1298	2.6008	-0.0497	-0.0009	-0.0194	0.0992	1.9541
			-0.0043	0.0009	0.0017	1.3658	1.4978	0.0529	0.0017	0.0199	0.1652	1.8833
			0.0059	0.0016	0.0000	1.3658						
97	6	6 7 8	1.201	-1.22	-0.0021	-1.4769	2.6690	-0.0279	-0.0007	-0.0107	0.1332	1.9192
			-0.0039	0.0011	0.0020	1.1493	1.5343	0.0302	0.0013	0.0113	0.2262	1.8850
			0.0065	0.0015	0.0000	1.1493						
97	7	6 7 8	1.201	-0.71	-0.0018	-1.3967	2.6988	-0.0162	-0.0004	-0.0065	0.1322	2.0269
			-0.0034	0.0009	0.0030	0.3082	1.6984	0.0182	0.0011	0.0068	0.3106	1.8713
			0.0090	0.0005	0.0000	0.3082						

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
97	8	6 7 8	1.203	-0.023	-0.0020	-1.6937	3.0810	-0.0064	-0.0006	-0.0027	0.5355	2.1193
			-0.0034	0.0011	0.0037	0.1464	1.7035	0.0092	0.0000	0.0037	0.0312	2.0373
			0.0110	0.0003								
97	9	6 7 8	1.203	0.20	-0.0023	-0.9585	2.3074	0.0055	-0.0006	0.0016	-0.6180	1.4967
			-0.0049	0.0009	0.0044	-0.0787	1.7011	-0.0018	0.0000	-0.0003	-0.0537	0.9128
			0.0129	-0.0002								
97	10	6 7 8	1.203	0.64	-0.0019	-0.00	2.2080	0.0161	-0.0005	0.0033	-0.1690	1.6599
			-0.0044	0.0001	0.0042	0.2011	1.5961	-0.0102	0.0003	-0.0041	-0.1763	2.0279
			0.0134	0.0000		0.0330						
97	11	6 7 8	1.203	1.66	-0.0017	0.00	1.7553	0.0378	-0.0004	0.0137	-0.0652	1.8108
			-0.0048	-0.0005	0.0042	0.1025	1.5588	-0.0322	-0.0000	-0.0125	0.0100	1.9423
			0.0136	0.0002								
97	12	6 7 8	1.203	3.74	-0.0012	0.00	1.8087	0.0775	0.0015	0.0289	0.0976	1.8697
			-0.0034	-0.0006	0.0041	0.2063	1.4922	-0.0761	0.0004	-0.0295	-0.0290	1.9582
			0.0137	0.0005								
98	1	6 7 8	1.204	-4.16	-0.0023	-1.3743	2.7736	-0.1013	0.0025	-0.0396	-0.1241	1.9539
			-0.0042	0.0011	0.0030	0.7637	1.5138	0.1069	-0.0023	0.0396	-0.1082	1.8538
			0.0101	0.0015								
98	2	6 7 8	1.204	-2.21	-0.0022	-1.8871	3.0652	-0.0535	0.0005	-0.0210	-0.0472	1.9681
			-0.0036	0.0013	0.0036	0.3355	1.5020	0.0569	-0.0006	0.0210	-0.0542	1.8750
			0.0121	0.0008								
98	3	6 7 8	1.203	-1.24	-0.0019	-1.8871	2.7496	-0.0310	-0.0004	-0.0125	0.0759	2.0259
			-0.0035	0.0013	0.0042	0.2435	1.5033	0.0347	-0.0002	0.0135	-0.0301	1.9268
			0.0140	0.0006								
98	4	6 7 8	1.202	-0.73	-0.0022	-2.1786	3.1168	-0.0190	-0.0004	-0.0079	0.1241	2.0621
			-0.0035	0.0015	0.0045	0.1673	1.6070	0.0227	0.0000	0.0087	0.0136	1.9346
			0.0141	0.0004								
98	5	6 7 8	1.201	-0.27	-0.0019	-2.5682	3.2831	-0.0058	-0.0006	-0.0028	0.5904	2.4105
			-0.0029	0.0015	0.0043	0.2009	1.5059	0.0095	0.0002	0.0037	0.1318	1.9687
			0.0143	0.0005								
98	6	6 7 8	1.202	0.24	-0.0021	-1.7203	2.6116	0.0078	-0.0004	0.0018	-0.2671	1.2065
			-0.0041	0.0014	0.0047	0.1512	1.5728	-0.0035	0.0001	-0.0006	-0.1934	0.9550
			0.0151	0.0004								

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
98	7	9	1.203	0.67	-0.0021	-1.3857	2.4267	0.0169	-0.0009	0.0053	-0.2823	1.5953
		8	-0.0141	0.0006	0.0042	0.2374	1.5169	-0.0132	0.0003	-0.0046	-0.1486	1.7525
98	8	6	1.204	1.74	-0.0019	-0.0000	2.1954	0.0447	-0.0012	0.0153	-0.1441	1.7131
		8	-0.0141	0.0006	0.0040	0.2389	1.4336	-0.0403	0.0015	-0.0151	-0.1865	1.6759
98	9	6	1.202	3.63	-0.0020	-0.0000	2.2629	0.0930	-0.0036	0.0330	-0.1945	1.7756
		8	-0.0148	0.0004	0.0045	0.1561	1.5213	-0.0853	0.0027	-0.0318	-0.1630	1.6657
99	1	6	1.203	-4.18	-0.0020	-6.5141	5.4185	-0.1097	0.0034	-0.0411	-0.1564	1.8756
		8	-0.0019	0.0018	0.0040	0.4508	0.9671	0.1053	-0.0052	0.0409	-0.2491	1.9437
99	2	6	1.202	-2.26	-0.0017	-29.0086	19.4128	-0.0596	0.0007	-0.0224	-0.0594	1.8818
		8	-0.0223	0.0013	0.0046	0.3097	1.0419	0.0558	-0.0027	0.0226	-0.2496	2.0308
99	3	6	1.203	-1.21	-0.0014	0.0000	98.6145	-0.0340	-0.0004	-0.0127	0.0606	1.8775
		8	-0.0000	0.0012	0.0041	0.2838	0.9861	0.0292	-0.0018	0.0129	-0.3113	2.2039
99	4	6	1.202	-0.73	-0.0014	-24.3267	15.1968	-0.0231	-0.0007	-0.0087	0.1718	1.8774
		8	-0.0204	0.0009	0.0042	0.2233	1.0507	0.0177	-0.0013	0.0087	-0.3857	2.4569
99	5	6	1.203	-0.30	-0.0016	-12.5601	8.8042	-0.0098	-0.0015	-0.0035	0.7681	1.7852
		8	-0.0009	0.0022	0.0045	0.1617	1.0432	0.0050	-0.0009	0.0038	-0.9858	3.8372
99	6	6	1.202	0.26	-0.0022	-3.2162	3.3501	0.0059	-0.0013	0.0017	-1.1630	1.4865
		8	-0.0233	0.0007	0.0054	0.1636	1.1664	-0.0088	-0.0061	-0.0015	0.1116	0.8811
99	7	6	1.201	0.75	-0.0020	-5.7476	4.7725	0.0174	-0.0018	0.0061	-0.5298	1.7741
		8	-0.0021	0.0008	0.0048	0.2047	1.1218	-0.0219	0.0003	-0.0065	-0.0903	1.4847
99	8	6	1.204	1.80	-0.0021	-6.4818	5.7032	0.0461	-0.0028	0.0165	-0.3127	1.7949
		8	-0.0019	0.0007	0.0050	0.1723	1.1293	-0.0511	0.0006	-0.0166	-0.0621	1.6224

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key															
99	9	6	1.203	5.81	0.0021	-0.0014	49.3018	-33.6973	0.0973	-0.0053	0.0030	0.0354	-0.2752	1.0203				
			0.0002	0.0009	0.0009	0.0042	0.2344	1.0041	-0.1001	0.0030	-0.0353	-0.01526	1.7660					
			0.0213	0.0009	0.0009	0.0042	0.2344	1.0041	-0.1001	0.0030	-0.0353	-0.01526	1.7660					
99	10	8	1.201	-0.32	0.0028	-0.0019	-28.8720	19.7202	-0.0091	-0.0011	-0.0005	-0.0037	0.6129	2.0397				
			-0.0004	0.0010	0.0010	0.0046	0.2500	1.0650	0.0048	-0.0005	0.0005	-0.0037	-0.6131	3.0421				
			0.0218	0.0010	0.0010	0.0046	0.2500	1.0650	0.0048	-0.0005	0.0005	-0.0037	-0.6131	3.0421				
100	1	8	1.000	-4.30	0.0027	-0.0020	-17.2610	13.0194	-0.1151	-0.0003	-0.0015	-0.0041	0.0173	1.9176				
			-0.0007	0.0020	0.0020	0.0048	0.4932	1.1592	0.1115	-0.0015	0.0015	-0.0041	-0.00685	1.9176				
			0.0207	0.0020	0.0020	0.0048	0.4932	1.1592	0.1115	-0.0015	0.0015	-0.0041	-0.00685	1.9176				
100	2	8	0.999	-2.33	0.0027	-0.0023	-16.8779	14.4923	-0.0591	-0.0013	-0.0006	-0.0231	0.1141	1.9606				
			-0.0008	0.0021	0.0021	0.0052	0.4964	1.2121	0.0564	-0.0013	-0.0006	-0.0231	-0.00557	2.1006				
			0.0216	0.0021	0.0021	0.0052	0.4964	1.2121	0.0564	-0.0013	-0.0006	-0.0231	-0.00557	2.1006				
100	3	8	1.002	-1.29	0.0029	-0.0021	75.2341	-56.1127	-0.0346	-0.0014	-0.0007	-0.0136	0.2021	1.9647				
			0.0001	0.0021	0.0021	0.0046	0.5083	1.0991	0.0307	-0.0007	0.0007	-0.0142	-0.1183	2.3148				
			0.0212	0.0021	0.0021	0.0046	0.5083	1.0991	0.0307	-0.0007	0.0007	-0.0142	-0.1183	2.3148				
100	4	8	1.000	-0.82	0.0028	-0.0021	-46.9228	36.3871	-0.0233	-0.0011	-0.0005	-0.0096	0.2413	2.0578				
			-0.0003	0.0022	0.0022	0.0052	0.5205	1.2014	0.0190	-0.0011	-0.0005	-0.0096	-0.1464	2.5450				
			0.0217	0.0022	0.0022	0.0052	0.5205	1.2014	0.0190	-0.0011	-0.0005	-0.0096	-0.1464	2.5450				
100	5	8	0.999	-0.36	0.0028	-0.0017	14.8875	-9.3798	-0.0103	-0.0012	-0.0008	-0.0048	0.5902	2.3421				
			0.0009	0.0019	0.0019	0.0050	0.4612	1.2191	0.0067	-0.0012	-0.0008	-0.0048	-0.6249	3.9544				
			0.0208	0.0019	0.0019	0.0050	0.4612	1.2191	0.0067	-0.0012	-0.0008	-0.0048	-0.6249	3.9544				
100	6	8	1.000	0.16	0.0023	-0.0016	-28.8139	19.8511	0.0019	-0.0013	-0.0007	-0.0005	-3.3802	-1.4202				
			-0.0004	0.0021	0.0021	0.0045	0.5255	1.0987	-0.0073	-0.0007	0.0002	-0.0002	-0.5262	-0.2022				
			0.0206	0.0021	0.0021	0.0045	0.5255	1.0987	-0.0073	-0.0007	0.0002	-0.0002	-0.5262	-0.2022				
100	7	8	1.001	0.67	0.0024	-0.0019	-22.8138	17.5531	0.0151	-0.0014	-0.0008	0.0047	-0.4628	1.5540				
			-0.0005	0.0020	0.0020	0.0046	0.5019	1.1429	-0.0187	-0.0008	0.0008	-0.0039	-0.2194	1.0625				
			0.0204	0.0020	0.0020	0.0046	0.5019	1.1429	-0.0187	-0.0008	0.0008	-0.0039	-0.2194	1.0625				
100	8	8	1.002	1.68	0.0025	-0.0025	-5.8339	5.8250	0.0374	-0.0016	-0.0003	0.0132	-0.2183	1.7733				
			-0.0022	0.0020	0.0020	0.0050	0.4690	1.1732	-0.0405	-0.0003	-0.0126	-0.0126	0.0434	1.5594				
			0.0215	0.0020	0.0020	0.0050	0.4690	1.1732	-0.0405	-0.0003	-0.0126	-0.0126	0.0434	1.5594				
100	9	8	1.002	3.65	0.0023	-0.0020	-7.1798	6.1769	0.0878	-0.0006	-0.0009	0.0316	-0.0383	1.0027				
			-0.0016	0.0020	0.0020	0.0053	0.4608	1.2198	-0.0905	-0.0006	-0.0009	-0.0316	-0.0383	1.7061				
			0.0218	0.0020	0.0020	0.0053	0.4608	1.2198	-0.0905	-0.0006	-0.0009	-0.0316	-0.0383	1.7061				

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
100	10	6	1.0002	-0.0029	-0.0020	72.5820	-50.6399	-0.0120	-0.0013	-0.0055	0.5436	2.3002
		7	0.00218	0.0023	0.0049	0.5430	1.1276	0.0064	-0.0008	-0.0054	-0.6564	4.2546
101	4	6	1.000	-4.14	-0.0016	-0.00	1.3740	-0.0523	-0.0057	-0.0203	0.5535	1.9485
		7	-0.0060	0.0011	0.0025	0.2789	12.8706	0.0604	0.0077	0.0213	0.6437	1.7625
		8	0.0009	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
101	5	6	1.002	-2.31	-0.0017	-0.00	1.4420	-0.0310	-0.0036	-0.0117	0.5808	1.8960
		7	-0.0061	0.0012	0.0023	1.0301	5.6963	0.0377	0.0053	0.0124	0.7031	1.6455
		8	0.0020	0.0005	0.0000	1.2549	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
101	6	6	1.001	-1.22	-0.0012	-0.00	1.2532	-0.0174	-0.0017	-0.0068	0.4866	1.9557
		7	-0.0049	0.0001	0.0021	1.2892	6.0990	0.0242	0.0031	0.0075	0.6512	1.5521
		8	0.0018	0.0000	0.0000	0.4701	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
101	7	6	1.002	-0.77	-0.0019	-0.00	1.5223	-0.0115	-0.0009	-0.0048	0.4216	2.1068
		7	-0.0062	0.0011	0.0028	0.9199	4.0985	0.0196	0.0025	0.0058	0.6406	1.4995
		8	0.0035	0.0002	0.0000	0.3644	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
101	8	6	1.001	-0.26	-0.0014	-0.00	1.2599	-0.0034	-0.0000	-0.0016	0.0806	2.3796
		7	-0.0058	0.0011	0.0027	0.9613	3.5741	0.0119	0.0015	0.0030	0.6552	1.2707
		8	0.0037	0.0002	0.0000	0.3341	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
101	9	6	1.002	-0.15	-0.0014	-0.00	1.2209	0.0019	0.0004	0.0006	1.1114	1.7619
		7	-0.0060	0.0012	0.0025	1.0245	4.9226	0.0055	0.0007	0.0007	0.6532	0.7044
		8	0.0025	-0.0000	0.0000	-0.1507	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
101	10	6	1.001	-0.65	-0.0014	-0.00	1.3292	0.0084	0.0010	0.0018	0.6045	1.6987
		7	-0.0055	0.0011	0.0026	1.0169	4.6467	-0.0017	-0.0001	-0.0018	0.4685	1.1287
		8	0.0028	-0.0000	0.0000	-0.1445	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
101	11	6	1.002	-1.67	-0.0013	-0.00	1.2630	0.0230	0.0029	0.0082	0.6380	1.7854
		7	-0.0052	0.0000	0.0029	0.0244	4.0216	-0.0156	-0.0012	-0.0071	0.4152	1.2985
		8	0.0036	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
101	12	6	1.001	-3.72	-0.0016	-0.00	1.2565	0.0507	0.0060	0.0184	0.5929	1.8161
		7	-0.0057	0.0002	0.0027	1.0434	3.3973	-0.0420	-0.0042	-0.0172	0.5027	1.0519
		8	0.0048	0.0000	0.0000	0.2290	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
102	1	6	1.002	-4.33	-0.0014	-0.00	1.5741	-0.0643	-0.0081	-0.0252	0.6365	1.9586
		7	-0.0047	0.0005	0.0021	0.8488	66.4920	0.0686	0.0102	0.0244	0.7473	1.7820
		8	0.0001	0.0000	0.0000	16.1460	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
102	2	6	1.002 -0.0047 0.0033	-2.18 -0.0007 0.0007	-0.0013 0.0025	0.8449 1.0880	1.4319 3.8865	-0.0332 0.0384	-0.0039 0.0062	-0.0131 0.0127	0.5939 0.8097	1.9836 1.6970
102	3	6	1.002 -0.0059 0.0042	-1.29 -0.0010 0.0003	-0.0017 0.0031	0.8518 0.4169	1.4583 3.6564	-0.0194 0.0257	-0.0020 0.0036	-0.0079 0.0084	0.5402 0.7095	2.0504 1.6490
102	4	6	1.000 -0.0063 0.0043	-0.71 -0.0010 0.0002	-0.0020 0.0035	0.8139 0.2647	1.5995 4.0442	-0.0111 0.0185	-0.0009 0.0024	-0.0046 0.0056	0.4352 0.6751	2.1016 1.5389
102	5	6	1.002 -0.0066 0.0047	-0.30 -0.0012 0.0004	-0.0016 0.0032	0.9286 0.4876	1.2093 3.4225	-0.0041 0.0124	-0.0002 0.0018	-0.0020 0.0034	0.3330 0.6712	2.4970 1.3817
102	6	6	1.002 -0.0059 0.0043	0.17 -0.0010 0.0002	-0.0014 0.0030	0.8457 0.2730	1.2347 3.5547	0.0007 0.0063	0.0001 0.0008	0.0002 0.0010	0.6568 0.6615	1.7418 0.8235
102	7	6	1.001 -0.0061 0.0040	0.64 -0.0011 0.0002	-0.0013 0.0029	0.9083 0.2999	1.0884 3.6507	0.0091 -0.0035	0.0011 -0.0004	0.0031 -0.0021	0.6089 0.6866	1.7023 2.9464
102	8	6	1.000 -0.0049 0.0048	1.73 -0.0013 0.0003	-0.0012 0.0032	0.9333 0.3563	1.2065 3.3368	0.0264 -0.0182	0.0036 -0.0022	0.0092 -0.0077	0.6817 0.6277	1.7494 2.1190
102	9	6	1.002 -0.0043 0.0062	3.71 -0.0016 0.0006	-0.0012 0.0034	0.9576 0.5306	1.3902 2.7742	0.0556 -0.0465	0.0074 -0.0060	0.0198 -0.0184	0.6726 0.6466	1.7795 1.9821
103	1	6	0.902 -0.0079 0.0058	-4.37 -0.0010 0.0003	-0.0022 0.0038	0.6428 0.3302	1.4337 3.2737	-0.0465 0.0566	-0.0049 0.0065	-0.0190 0.0200	0.5354 0.5822	2.0426 1.7660
103	2	6	0.902 -0.0065 0.0038	-2.44 -0.0010 0.0006	-0.0016 0.0032	0.7760 0.8872	1.2745 2.9270	-0.0278 0.0352	-0.0026 0.0045	-0.0112 0.0116	0.4754 0.6428	2.0240 1.6485
103	3	6	0.902 -0.0061 0.0041	-1.43 -0.0009 0.0004	-0.0013 0.0025	0.8153 0.5113	1.1012 3.1153	-0.0164 0.0242	-0.0012 0.0031	-0.0070 0.0073	0.3847 0.6416	2.1400 1.5176

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key															
103	4	6 7 8	-0.0063 -0.0006 0.0058	-0.0009 -0.0006 0.0006	-0.0016 0.0029 0.0029	-0.0000 0.7760 0.5539	1.2746 2.5633	-0.0004 -0.0004 0.0020	-0.0043 0.0048 0.0048	0.2054 0.6371	2.5650 1.4913							
103	5	6 7 8	-0.0047 -0.0003 0.0054	-0.0006 -0.0003 0.0003	-0.0013 0.0029 0.0029	-0.0000 0.6534 0.3655	1.4009 2.7598	0.0002 0.0002 0.0013	-0.0025 0.0032 0.0032	-0.6919 0.6098	5.9762 1.4306							
103	6	6 7 8	-0.0072 -0.0003 0.0053	-0.0008 -0.0003 0.0003	-0.0016 0.0029 0.0029	-0.0000 0.7624 0.3655	1.1198 2.7598	0.0002 0.0002 0.0005	0.0003 0.0008 0.0008	0.4520 0.6093	0.6270 0.9190							
103	7	6 7 8	-0.0065 -0.0060 0.0060	-0.0008 -0.0005 0.0005	-0.0014 0.0031 0.0031	-0.0000 0.6522 0.4322	1.1353 2.6353	0.0007 0.0007 0.0000	0.0022 -0.0011 -0.0011	0.4987 -0.1441	1.4638 4.5103							
103	8	6 7 8	-0.0065 -0.0068 0.0068	-0.0011 -0.0006 0.0006	-0.0014 0.0035 0.0035	0.0000 0.8426 0.4581	1.1225 2.6313	0.0024 -0.0007 -0.0007	0.0069 -0.0067 -0.0067	0.5570 0.2627	1.5733 2.3558							
103	9	6 7 8	-0.0057 -0.0072 0.0072	-0.0012 -0.0004 0.0004	-0.0014 0.0037 0.0037	0.0000 0.7556 0.3368	1.2792 2.5655	0.0049 -0.0029 -0.0029	0.0169 -0.0156 -0.0156	0.5157 0.3579	1.7672 2.0786							
104	1	6 7 8	-0.0069 -0.0066 0.0066	-0.0030 -0.0011 0.0011	-0.0017 0.0036 0.0036	-0.0000 0.6306 0.6561	1.2951 2.7087	-0.0043 -0.0065 -0.0065	-0.0244 0.0238 0.0238	0.3638 0.4907	2.0308 1.7678							
104	2	6 7 8	-0.0062 -0.0068 0.0068	-0.0039 -0.0008 0.0010	-0.0033 0.0033 0.0033	-0.0000 0.7017 0.7467	1.3170 2.4264	-0.0030 0.0044 0.0044	-0.0131 0.0132 0.0132	0.4715 0.5675	2.0299 1.7036							
104	3	6 7 8	-0.0061 -0.0080 0.0080	-0.0041 -0.0009 0.0009	-0.0016 0.0037 0.0037	-0.0000 0.5045 0.6105	1.3331 2.3029	-0.0015 -0.0028 -0.0028	-0.0081 0.0084 0.0084	0.4129 0.5538	2.1303 1.6741							
104	4	6 7 8	-0.0053 -0.0080 0.0080	-0.0005 -0.0009 0.0009	-0.0013 0.0035 0.0035	-0.0000 0.5655 0.6117	1.2258 2.2091	-0.0005 -0.0018 -0.0018	-0.0054 0.0055 0.0055	0.2695 0.5411	2.5393 1.5741							
104	5	6 7 8	-0.0058 -0.0077 0.0077	-0.0046 -0.0003 0.0008	-0.0018 0.0038 0.0038	-0.0000 0.3278 0.5741	1.5588 2.4701	-0.0003 -0.0014 -0.0014	-0.0032 0.0034 0.0034	0.3339 0.5898	3.5284 1.4522							

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key																
104	6	6	0.901	-0.0008	-0.0012	-0.0013	-0.0013	0.0035	0.0032	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
	7	7	-0.0059	0.0006	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035
	8	8	-0.0073	0.0006	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035
104	7	6	0.902	-0.0007	-0.0015	-0.0015	-0.0015	0.0114	0.0042	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012
	8	8	-0.0067	0.0006	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041	0.0041
	9	9	0.9079	0.0006	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035
104	8	6	0.901	-0.0008	-0.0013	-0.0013	-0.0013	0.0261	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024
	7	7	-0.0062	0.0006	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039	0.0039
	8	8	0.0081	0.0007	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035
104	9	6	0.902	-0.0012	-0.0014	-0.0014	-0.0014	0.0555	0.0047	0.0047	0.0047	0.0047	0.0047	0.0047	0.0047	0.0047	0.0047	0.0047	0.0047
	7	7	-0.0068	0.0004	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035
	8	8	0.0096	0.0004	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035
105	1	6	0.901	-0.0003	-0.0013	-0.0013	-0.0013	0.0899	0.0045	0.0045	0.0045	0.0045	0.0045	0.0045	0.0045	0.0045	0.0045	0.0045	0.0045
	7	7	-0.0025	0.0003	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034
	8	8	0.0130	0.0018	0.0040	0.0040	0.0040	0.0040	0.0040	0.0040	0.0040	0.0040	0.0040	0.0040	0.0040	0.0040	0.0040	0.0040	0.0040
105	2	6	0.901	-0.0005	-0.0009	-0.0009	-0.0009	0.0399	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031
	7	7	-0.0016	0.0005	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032
	8	8	0.0112	0.0016	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032
105	3	6	0.901	-0.0002	-0.0010	-0.0010	-0.0010	0.0221	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022
	7	7	-0.0023	0.0002	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036
	8	8	0.0120	0.0017	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036	0.0036
105	4	6	0.902	-0.0006	-0.0006	-0.0006	-0.0006	0.0133	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016	0.0016
	7	7	-0.0006	0.0006	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032
	8	8	0.0109	0.0015	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032
105	5	6	0.901	-0.0000	-0.0010	-0.0010	-0.0010	0.0050	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
	7	7	-0.0031	0.0000	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033
	8	8	0.0117	0.0017	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033
105	6	6	0.903	0.0000	-0.0009	-0.0009	-0.0009	0.0016	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
	7	7	-0.0034	0.0000	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033
	8	8	0.0111	0.0016	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033
105	7	6	0.902	-0.0000	-0.0007	-0.0007	-0.0007	0.0071	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009
	7	7	-0.0031	0.0000	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030
	8	8	0.0102	0.0015	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key												
105	8	5	0.902 -0.0040 0.0103	-0.0013 0.0013 0.0013	1.58 0.0013 0.0013	-0.0012 0.0033 0.0033	0.1545 0.6727 0.6727	0.00 0.1545 0.1545	1.5069 1.6231 1.6231	0.0270 -0.0255 -0.0255	0.0024 -0.0026 -0.0026	0.0099 -0.0095 -0.0095	0.4337 0.5274 0.5274	1.8343 1.8710 1.8710	
105	9	5	0.900 -0.0043 0.0115	-0.0016 0.0016 0.0016	3.61 0.0016 0.0016	-0.0010 0.0035 0.0035	0.1314 0.7148 0.7148	0.00 0.1314 0.1314	1.2145 1.5323 1.5323	0.0759 -0.0693 -0.0693	0.0045 -0.0044 -0.0044	0.0277 -0.0261 -0.0261	0.3011 0.3216 0.3216	1.8295 1.8869 1.8869	
105	10	5	0.901 -0.0009 0.0111	-0.0016 0.0016 0.0016	0.46 0.0046 0.0046	-0.0009 0.0033 0.0033	0.7077 0.7394 0.7394	0.00 0.7077 0.7077	5.0075 1.5103 1.5103	-0.0052 0.0070 0.0070	-0.0006 0.0013 0.0013	-0.0032 0.0031 0.0031	0.6572 0.9214 0.9214	3.1002 2.2197 2.2197	
106	4	5	1.207 -0.0763 3.0488	-0.0015 0.0049 0.0049	-4.14 0.0015 0.0049	-0.0205 0.0218 0.0218	-4.99 -0.984 0.5100	0.99 -0.984 0.5100	1.8714 2.2369 2.2369	-0.0720 0.0269 0.0269	0.0022 0.0101 0.0101	-0.0279 0.0093 0.0093	-0.1553 1.8891 1.8891	1.9436 1.7334 1.7334	
106	5	5	1.206 -0.0439 0.0237	-0.0039 0.0045 0.0045	-2.25 0.0039 0.0045	-0.0164 0.0111 0.0111	-45.00 -0.1066 0.9650	0.00 -0.1066 0.9650	1.8768 2.3453 2.3453	-0.0358 0.0253 0.0253	0.0006 0.0039 0.0039	-0.0145 0.0089 0.0089	-0.0848 0.7768 0.7768	2.0288 1.7601 1.7601	
106	6	5	1.205 -0.0269 0.0186	-0.0023 0.0023 0.0023	-1.25 0.0023 0.0023	-0.0100 0.0087 0.0087	-4.99 -0.667 0.6298	0.99 -0.667 0.6298	1.8676 2.3368 2.3368	-0.0187 0.0184 0.0184	0.0004 0.0022 0.0022	-0.0081 0.0058 0.0058	-0.1121 0.6826 0.6826	2.1604 1.7829 1.7829	
106	7	5	1.205 -0.0151 0.0147	-0.0000 0.0008 0.0008	-0.71 0.0000 0.0008	-0.0058 0.0067 0.0067	-4.99 0.089 0.2783	0.99 0.089 0.2783	1.9149 2.3065 2.3065	-0.0109 0.0079 0.0079	-0.0000 0.0013 0.0013	-0.0045 0.0024 0.0024	0.0065 0.8664 0.8664	2.0673 1.5127 1.5127	
106	8	5	1.206 -0.0070 0.0093	-0.0019 0.0005 0.0005	-0.19 0.0005 0.0005	-0.0029 0.0044 0.0044	-4.99 -0.2623 0.2754	0.99 -0.2623 0.2754	2.1347 2.3645 2.3645	-0.0020 0.0037 0.0037	0.0000 0.0003 0.0003	-0.0015 0.0010 0.0010	-0.0916 0.4556 0.4556	3.7908 1.3479 1.3479	
106	9	5	1.205 -0.0013 0.0029	-0.0001 0.0005 0.0005	0.25 0.0001 0.0005	-0.0004 0.0017 0.0017	-4.99 0.7120 0.8872	0.99 0.7120 0.8872	1.6738 2.9270 2.9270	0.0057 -0.0057 -0.0057	-0.0001 -0.0002 -0.0002	0.0020 -0.0024 -0.0024	-0.1642 0.2514 0.2514	1.8344 2.1460 2.1460	
106	10	5	1.205 0.0079 -0.0078	0.0002 0.0008 0.0008	0.78 0.0002 0.0008	0.0030 -0.0029 -0.0029	-4.99 0.1865 -0.5128	0.99 0.1865 -0.5128	1.9119 1.8961 1.8961	0.0147 -0.0143 -0.0143	0.0004 0.0000 0.0000	0.0049 -0.0061 -0.0061	0.1528 -0.0175 -0.0175	1.6801 2.1384 2.1384	
106	11	5	1.204 0.0169 -0.0206	0.0017 0.0012 0.0012	1.74 0.0017 0.0012	-0.0065 0.0078 0.0078	-4.99 -0.5126 -0.2902	0.99 -0.5126 -0.2902	1.9189 1.8969 1.8969	0.0259 -0.0305 -0.0305	0.0018 0.0007 0.0007	0.0095 -0.0121 -0.0121	-0.3506 0.1278 0.1278	1.8345 1.9952 1.9952	

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
106	12	6 7 8	1.205 0.0394 -0.0574	3.78 0.0043 0.0019	0.0155 -0.0218 -0.0218	-4.99 0.5482 -0.1724	1.9643 1.9043	0.0278 -0.0671	0.0083 0.0021	0.0100 -0.0256	1.5055 -0.1632	1.7947 1.9095
107	1	6 7 8	1.0502 -0.0505 0.0317	-4.29 -0.0048 0.0053	-0.0190 0.0150	-4.99 0.4802 0.8446	1.8838 2.3643	-0.0444 0.0322	-0.0034 0.0060	-0.0184 0.0117	0.3911 0.9383	2.0738 1.8210
107	2	6 7 8	1.003 -0.0284 0.0227	-2.18 -0.0031 0.0033	-0.0103 0.0099	-4.99 0.5532 0.8003	1.8137 2.4071	-0.0208 0.0185	-0.0019 0.0032	-0.0091 0.0062	0.4729 0.8642	2.1485 1.8963
107	3	6 7 8	0.985 -0.0177 0.0124	-1.22 -0.0018 0.0018	-0.0062 0.0063	-4.99 0.5272 0.7455	1.7696 2.5405	-0.0101 0.0096	-0.0008 0.0021	-0.0051 0.0028	0.4342 1.1370	2.5436 1.4632
107	4	6 7 8	1.001 -0.0184 0.0134	-1.21 -0.0021 0.0018	-0.0063 0.0071	-4.99 0.5847 0.7012	1.7301 2.6342	-0.0108 0.0089	-0.0010 0.0016	-0.0051 0.0028	0.4937 0.9408	2.3791 1.6075
107	5	6 7 8	1.000 -0.0145 0.0088	-0.77 -0.0018 0.0011	-0.0049 0.0053	-4.99 0.6233 0.6564	1.6922 3.0037	-0.0065 0.0060	-0.0006 0.0016	-0.0036 0.0014	0.5229 1.3342	2.7966 1.1840
107	6	6 7 8	1.003 -0.0085 0.0046	-0.26 -0.0010 0.0006	-0.0028 0.0033	-4.99 0.5877 0.7175	1.6868 3.5229	-0.0002 -0.0008	0.0000 0.0002	-0.0010 -0.0005	-0.1601 -1.4723	2.7257 3.1697
107	7	6 7 8	0.999 -0.0061 0.0004	0.09 -0.0007 0.0002	-0.0018 0.0021	-4.99 0.6370 3.5865	1.5099 26.4725	0.0013 -0.0019	-0.0001 0.0001	0.0002 -0.0010	-0.5124 -0.3964	1.0369 2.7566
107	8	6 7 8	1.002 0.0017 -0.0049	0.65 0.0001 -0.0001	0.0009 -0.0000	-4.99 0.3600 0.1973	2.7167 0.0037	0.0076 -0.0070	0.0007 -0.0002	0.0020 -0.0035	0.5143 0.1448	1.3150 2.4917
107	9	6 7 8	1.002 0.0119 -0.0172	1.75 0.0012 -0.0012	0.0044 -0.0049	-4.99 0.5190 0.3551	1.8691 1.4206	0.0175 -0.0188	0.0022 -0.0011	0.0054 -0.0077	0.6316 0.3007	1.5669 2.0517
107	10	6 7 8	1.003 0.0243 -0.0382	3.66 0.0032 -0.0030	0.0096 -0.0127	-4.99 0.6746 0.3567	1.9745 1.6675	0.0310 -0.0393	0.0050 -0.0025	0.0106 -0.0156	0.8173 0.3303	1.7106 2.0089

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
108	1	6	0.901	-0.0043	-0.0200	-0.0000	1.8645	-0.0443	-0.0030	-0.0102	0.3401	2.0540
		7	-0.0536	0.0051	0.0158	0.0000	2.2900	0.0366	0.0060	0.0131	0.8228	1.7894
		8	0.0345	-0.0042	-0.0158	-0.0000						
108	2	6	0.902	-0.0035	-0.0114	-0.0000	1.7955	-0.0222	-0.0014	-0.0099	0.3212	2.2441
		7	-0.0318	0.0027	0.0107	0.0000	2.3482	0.0206	0.0031	0.0071	0.7678	1.7272
		8	0.0229	-0.0027	-0.0107	-0.0000						
108	3	6	0.901	-0.0032	-0.0075	-0.0000	1.7742	-0.0121	-0.0009	-0.0062	0.3914	2.5883
		7	-0.0211	0.0018	0.0078	0.0000	2.5375	0.0117	0.0022	0.0039	0.9617	1.6997
		8	0.0154	-0.0018	-0.0078	-0.0000						
108	4	6	0.900	-0.0067	-0.0052	-0.0000	1.7577	-0.0067	-0.0003	-0.0042	0.2925	3.1735
		7	-0.0149	0.0015	0.0061	0.0000	2.5391	0.0072	0.0016	0.0023	1.1523	1.6177
		8	0.0121	-0.0015	-0.0061	-0.0000						
108	5	6	0.900	-0.0041	-0.0038	-0.0000	1.8153	-0.0019	-0.0006	-0.0018	1.5338	4.6359
		7	-0.0106	0.0008	0.0047	0.0000	2.8522	0.0028	0.0011	0.0005	1.9307	1.0232
		8	0.0084	-0.0008	-0.0047	-0.0000						
108	6	6	0.901	-0.0006	-0.0005	-0.0000	1.4921	0.0041	0.0001	0.0000	0.2367	0.0051
		7	-0.0064	0.0005	0.0026	0.0000	4.1412	-0.0015	0.0002	-0.0000	-0.0905	2.7573
		8	0.0032	-0.0005	-0.0026	-0.0000						
108	7	6	0.900	-0.0002	-0.0001	-0.0000	0.6711	0.0092	0.0006	0.0018	0.3380	0.9837
		7	-0.0010	0.0002	0.0005	0.0000	-1.2424	-0.0060	-0.0001	-0.0024	0.1245	2.0376
		8	0.0023	-0.0002	-0.0005	-0.0000						
108	8	6	0.902	-0.0011	-0.0041	-0.0000	1.8813	0.0186	0.0019	-0.0055	0.5106	1.4764
		7	-0.0111	0.0011	0.0041	0.0000	1.4655	-0.0174	-0.0004	-0.0069	0.1377	1.9852
		8	0.0149	-0.0011	-0.0041	-0.0000						
108	9	6	0.900	-0.0029	-0.0109	-0.0000	1.9425	0.0340	0.0042	0.0116	0.6070	1.6676
		7	-0.0281	0.0029	0.0109	0.0000	1.7842	-0.0407	-0.0020	-0.0134	0.2484	1.8947
		8	0.0381	-0.0029	-0.0109	-0.0000						
109	1	6	0.903	-0.0033	-0.0263	-0.0000	2.0227	-0.0590	-0.0035	-0.0237	0.3026	2.0120
		7	-0.0651	0.0033	0.0263	0.0000	1.9928	0.0440	0.0046	0.0170	0.5544	2.0233
		8	0.0584	-0.0033	-0.0263	-0.0000						
109	2	6	0.902	-0.0017	-0.0128	-0.0000	2.0823	-0.0255	-0.0028	-0.0112	0.5563	2.1948
		7	-0.0308	0.0017	0.0128	0.0000	1.9693	0.0187	0.0025	0.0061	0.6822	2.1682
		8	0.0331	-0.0017	-0.0128	-0.0000						

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
109	3	6 7 8	0.901 -0.0177 0.0224	-1.42 -0.0012 0.0033	-0.0079 0.0085	-44.99 0.3506 0.7564	2.2421 1.9139	-0.0127 0.0090	-0.0018 0.0016	-0.0066 0.0045	0.7343 0.9115	2.6204 2.4809
109	4	6 7 8	0.902 -0.0094 0.0152	-0.87 -0.0004 0.0024	-0.0050 0.0058	-44.99 0.2426 0.8084	2.6697 1.9037	-0.0060 0.0011	-0.0011 0.0004	-0.0038 0.0018	0.9866 2.1211	3.1918 8.1148
109	5	6 7 8	0.900 -0.0042 0.0100	-0.44 0.0001 0.0020	-0.0032 0.0036	-44.99 -0.2294 1.0192	3.8301 1.8330	-0.0028 -0.0036	-0.0011 -0.0004	-0.0018 0.0000	1.9705 0.6754	3.2560 -0.0183
109	6	6 7 8	0.900 -0.0005 0.0046	0.06 0.0007 0.0013	-0.0012 0.0015	-44.99 -7.2217 1.4464	11.9757 1.6322	0.0022 -0.0084	0.0000 -0.0010	0.0000 -0.0022	0.2133 0.6235	0.0051 1.3232
109	7	6 7 8	0.902 0.0034 0.0011	0.52 0.0012 0.0008	0.0004 0.0003	-44.99 1.8163 4.0092	0.6436 1.3632	0.0047 -0.0087	0.0003 -0.0010	0.0015 -0.0026	0.3384 0.5928	1.6447 1.5319
109	8	6 7 8	0.902 0.0142 -0.0101	1.56 0.0029 -0.0004	0.0047 -0.0049	-44.99 1.0392 0.2241	1.6496 2.4043	0.0186 -0.0239	0.0017 -0.0026	0.0063 -0.0081	0.4823 0.5433	1.7027 1.7090
109	9	6 7 8	0.901 0.0382 -0.0360	3.57 0.0053 -0.0014	0.0135 -0.0156	-44.99 0.6938 0.2004	1.7662 2.1697	0.0486 -0.0576	0.0043 -0.0033	0.0167 -0.0209	0.4461 0.2924	1.7205 1.8131
109	10	6 7 8	0.899 -0.0045 0.0097	-0.46 0.0001 0.0019	-0.0032 0.0039	-44.99 -0.2168 0.9748	3.5403 2.0330	-0.0007 -0.0041	-0.0005 -0.0003	-0.0013 -0.0007	3.2309 0.4182	8.9144 0.9019
110	1	6 7 8	1.002 -0.0788 0.0777	-4.19 0.0032 0.0016	-0.0314 0.0308	-44.99 -0.2078 0.1072	1.9929 1.9801	-0.0717 0.0607	-0.0009 0.0005	-0.0279 0.0243	0.0665 0.0431	1.9450 1.9996
110	2	6 7 8	1.002 -0.0428 0.0466	-2.21 0.0035 0.0013	-0.0180 0.0178	-44.99 -0.4194 0.1492	2.1139 1.9084	-0.0370 0.0268	-0.0003 -0.0000	-0.0151 0.0114	0.0461 -0.0098	2.0451 2.1285
110	3	6 7 8	1.000 -0.0251 0.0326	-1.31 0.0026 0.0012	-0.0115 0.0120	-44.99 -0.5309 0.1967	2.2933 1.8439	-0.0230 0.0116	-0.0005 -0.0005	-0.0097 0.0060	0.1269 -0.2424	2.1112 2.5961

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key															
110	4	7 8	1.002 -0.0154 0.0249	-0.0081 0.0090 0.0011	-0.0028 0.0011 0.0024	-0.0081 0.0090 0.0011	-0.0028 0.0011 0.0024	-0.0081 0.0090 0.0011	-0.0028 0.0011 0.0024	-0.0081 0.0090 0.0011	-0.0028 0.0011 0.0024	-0.0081 0.0090 0.0011	-0.0028 0.0011 0.0024	2.6418 1.8176 3.2176 1.7254 3.4479 1.7249 11.8053 1.3349 0.7635 16.6461 1.4967 2.4894 1.7064 2.2396 3.1276 1.8084 2.0343 1.9243 2.1785 1.7984 2.3767 1.6477	-0.0155 0.0041 -0.0008 -0.0004 -0.0006 -0.0005 -0.0013 -0.0003 -0.0113 -0.0209 0.0262 -0.0352 0.0627 0.0745 -0.0066 -0.0064 -0.0066 -0.0060 -0.0382 0.0267 -0.0151 0.0151	-0.0063 0.0031 0.0003 0.0003 -0.0030 0.0002 0.0002 -0.0041 0.0040 -0.0064 0.0095 -0.0120 0.0231 -0.0270 -0.0029 -0.0005 -0.0307 0.0248 -0.0148 0.0126 -0.0092 0.0079	0.2661 -0.5452 0.4761 0.4220 0.4760 0.6800 -4.1053 0.1190 -0.3875 0.0682 -0.1471 -0.0246 0.0240 -0.0378 0.7879 0.4962 -0.1029 -0.0432 0.0053 -0.1462 0.1227 -0.3757	2.0392 3.6549 2.5630 0.3051 2.4491 -0.3461 0.8736 1.3082 1.7730 1.5262 1.8187 1.7006 1.8422 1.8158 2.1772 0.4008 1.9201 2.0667 1.9391 2.2044 1.9460 2.6111
110	5	6 7 8	1.002 -0.0075 0.0152	-0.0048 0.0052 0.0011	-0.0024 0.0011 0.0024	-0.0048 0.0052 0.0011	-0.0024 0.0011 0.0024	-0.0048 0.0052 0.0011	-0.0024 0.0011 0.0024	-0.0048 0.0052 0.0011	-0.0024 0.0011 0.0024	-0.0048 0.0052 0.0011	-0.0024 0.0011 0.0024	3.2176 1.7254 3.4479 1.7249 11.8053 1.3349 0.7635 16.6461 1.4967 2.4894 1.7064 2.2396 3.1276 1.8084 2.0343 1.9243 2.1785 1.7984 2.3767 1.6477	-0.0063 0.0032 -0.0003 -0.0005 -0.0013 -0.0003 -0.0113 -0.0209 0.0262 -0.0352 0.0627 0.0745 -0.0066 -0.0064 -0.0066 -0.0060 -0.0382 0.0267 -0.0151 0.0151	-0.0003 0.0003 -0.0005 -0.0005 -0.0003 -0.0002 -0.0041 0.0040 -0.0064 0.0095 -0.0120 0.0231 -0.0270 -0.0029 -0.0005 -0.0307 0.0248 -0.0148 0.0126 -0.0092 0.0079	0.4761 0.4220 0.4760 0.6800 -4.1053 0.1190 -0.3875 0.0682 -0.1471 -0.0246 0.0240 -0.0378 0.7879 0.4962 -0.1029 -0.0432 0.0053 -0.1462 0.1227 -0.3757	2.5630 0.3051 2.4491 -0.3461 0.8736 1.3082 1.7730 1.5262 1.8187 1.7006 1.8422 1.8158 2.1772 0.4008 1.9201 2.0667 1.9391 2.2044 1.9460 2.6111
110	6	6 7 8	1.003 -0.0069 0.0159	-0.0047 0.0054 0.0012	-0.0025 0.0012 0.0024	-0.0047 0.0054 0.0012	-0.0025 0.0012 0.0024	-0.0047 0.0054 0.0012	-0.0025 0.0012 0.0024	-0.0047 0.0054 0.0012	-0.0025 0.0012 0.0024	-0.0047 0.0054 0.0012	-0.0025 0.0012 0.0024	3.4479 1.7249 11.8053 1.3349 0.7635 16.6461 1.4967 2.4894 1.7064 2.2396 3.1276 1.8084 2.0343 1.9243 2.1785 1.7984 2.3767 1.6477	-0.0062 -0.0041 -0.0015 -0.0157 0.0015 -0.0003 -0.0113 -0.0209 0.0262 -0.0352 0.0627 0.0745 -0.0066 -0.0064 -0.0066 -0.0060 -0.0382 0.0267 -0.0151 0.0151	-0.0030 -0.0002 0.0002 -0.0041 0.0040 -0.0064 0.0095 -0.0120 0.0231 -0.0270 -0.0029 -0.0005 -0.0307 0.0248 -0.0148 0.0126 -0.0092 0.0079	0.4760 0.6800 -4.1053 0.1190 -0.3875 0.0682 -0.1471 -0.0246 0.0240 -0.0378 0.7879 0.4962 -0.1029 -0.0432 0.0053 -0.1462 0.1227 -0.3757	2.4491 -0.3461 0.8736 1.3082 1.7730 1.5262 1.8187 1.7006 1.8422 1.8158 2.1772 0.4008 1.9201 2.0667 1.9391 2.2044 1.9460 2.6111
110	7	6 7 8	1.002 0.0006 0.0066	-0.0016 0.0017 0.0011	-0.0024 0.0011 0.0024	-0.0016 0.0017 0.0011	-0.0024 0.0011 0.0024	-0.0016 0.0017 0.0011	-0.0024 0.0011 0.0024	-0.0016 0.0017 0.0011	-0.0024 0.0011 0.0024	-0.0016 0.0017 0.0011	-0.0024 0.0011 0.0024	11.8053 1.3349 0.7635 16.6461 1.4967 2.4894 1.7064 2.2396 3.1276 1.8084 2.0343 1.9243 2.1785 1.7984 2.3767 1.6477	-0.0015 0.0015 -0.0113 -0.0209 0.0262 -0.0352 0.0627 0.0745 -0.0066 -0.0064 -0.0066 -0.0060 -0.0382 0.0267 -0.0151 0.0151	-0.0002 0.0002 -0.0003 -0.0041 0.0040 -0.0064 0.0095 -0.0120 0.0231 -0.0270 -0.0029 -0.0005 -0.0307 0.0248 -0.0148 0.0126 -0.0092 0.0079	-4.1053 0.1190 -0.3875 0.0682 -0.1471 -0.0246 0.0240 -0.0378 0.7879 0.4962 -0.1029 -0.0432 0.0053 -0.1462 0.1227 -0.3757	0.8736 1.3082 1.7730 1.5262 1.8187 1.7006 1.8422 1.8158 2.1772 0.4008 1.9201 2.0667 1.9391 2.2044 1.9460 2.6111
110	8	6 7 8	1.002 0.0087 0.0003	-0.0013 0.0012 0.0015	-0.0024 0.0015 0.0015	-0.0013 0.0012 0.0015	-0.0024 0.0015 0.0015	-0.0013 0.0012 0.0015	-0.0024 0.0015 0.0015	-0.0013 0.0012 0.0015	-0.0024 0.0015 0.0015	-0.0013 0.0012 0.0015	-0.0024 0.0015 0.0015	0.7635 16.6461 1.4967 2.4894 1.7064 2.2396 3.1276 1.8084 2.0343 1.9243 2.1785 1.7984 2.3767 1.6477	-0.0113 -0.0209 0.0262 -0.0352 0.0627 0.0745 -0.0066 -0.0064 -0.0066 -0.0060 -0.0382 0.0267 -0.0151 0.0151	-0.0040 -0.0064 0.0095 -0.0120 0.0231 -0.0270 -0.0029 -0.0005 -0.0307 0.0248 -0.0148 0.0126 -0.0092 0.0079	-0.3875 0.0682 -0.1471 -0.0246 0.0240 -0.0378 0.7879 0.4962 -0.1029 -0.0432 0.0053 -0.1462 0.1227 -0.3757	1.7730 1.5262 1.8187 1.7006 1.8422 1.8158 2.1772 0.4008 1.9201 2.0667 1.9391 2.2044 1.9460 2.6111
110	9	6 7 8	1.003 0.0248 -0.0129	-0.0074 0.0064 0.0016	-0.0022 0.0016 0.0016	-0.0074 0.0064 0.0016	-0.0022 0.0016 0.0016	-0.0074 0.0064 0.0016	-0.0022 0.0016 0.0016	-0.0074 0.0064 0.0016	-0.0022 0.0016 0.0016	-0.0074 0.0064 0.0016	-0.0022 0.0016 0.0016	1.4967 2.4894 1.7064 2.2396 3.1276 1.8084 2.0343 1.9243 2.1785 1.7984 2.3767 1.6477	-0.0262 -0.0352 0.0627 0.0745 -0.0066 -0.0064 -0.0066 -0.0060 -0.0382 0.0267 -0.0151 0.0151	-0.0095 -0.0120 0.0231 -0.0270 -0.0029 -0.0005 -0.0307 0.0248 -0.0148 0.0126 -0.0092 0.0079	-0.1471 -0.0246 0.0240 -0.0378 0.7879 0.4962 -0.1029 -0.0432 0.0053 -0.1462 0.1227 -0.3757	1.8187 1.7006 1.8422 1.8158 2.1772 0.4008 1.9201 2.0667 1.9391 2.2044 1.9460 2.6111
110	10	6 7 8	1.003 0.0602 -0.0462	-0.0205 0.0025 0.0025	-0.0031 0.0025 0.0025	-0.0205 0.0025 0.0025	-0.0031 0.0025 0.0025	-0.0205 0.0025 0.0025	-0.0031 0.0025 0.0025	-0.0205 0.0025 0.0025	-0.0031 0.0025 0.0025	-0.0205 0.0025 0.0025	-0.0031 0.0025 0.0025	1.7064 2.2396 3.1276 1.8084 2.0343 1.9243 2.1785 1.7984 2.3767 1.6477	-0.0627 0.0745 -0.0066 -0.0064 -0.0066 -0.0060 -0.0382 0.0267 -0.0151 0.0151	-0.0231 -0.0270 -0.0029 -0.0005 -0.0307 0.0248 -0.0148 0.0126 -0.0092 0.0079	-0.0240 -0.0378 0.7879 0.4962 -0.1029 -0.0432 0.0053 -0.1462 0.1227 -0.3757	1.8422 1.8158 2.1772 0.4008 1.9201 2.0667 1.9391 2.2044 1.9460 2.6111
110	11	6 7 8	1.001 -0.0078 0.0166	-0.0048 0.0060 0.0013	-0.0035 0.0013 0.0013	-0.0048 0.0060 0.0013	-0.0035 0.0013 0.0013	-0.0048 0.0060 0.0013	-0.0035 0.0013 0.0013	-0.0048 0.0060 0.0013	-0.0035 0.0013 0.0013	-0.0048 0.0060 0.0013	-0.0035 0.0013 0.0013	3.1276 1.8084 2.0343 1.9243 2.1785 1.7984 2.3767 1.6477	-0.0066 -0.0064 -0.0066 -0.0060 -0.0382 0.0267 -0.0151 0.0151	-0.0029 -0.0005 -0.0307 0.0248 -0.0148 0.0126 -0.0092 0.0079	0.7879 0.4962 -0.1029 -0.0432 0.0053 -0.1462 0.1227 -0.3757	2.1772 0.4008 1.9201 2.0667 1.9391 2.2044 1.9460 2.6111
111	1	6 7 8	1.204 -0.0770 0.0787	-0.0313 0.0303 0.0000	-0.0065 0.0000 0.0000	-0.0313 0.0303 0.0000	-0.0065 0.0000 0.0000	-0.0313 0.0303 0.0000	-0.0065 0.0000 0.0000	-0.0313 0.0303 0.0000	-0.0065 0.0000 0.0000	-0.0313 0.0303 0.0000	-0.0065 0.0000 0.0000	2.0343 1.9243 2.1785 1.7984 2.3767 1.6477	-0.0601 -0.0601 -0.0382 0.0267 -0.0151 0.0151	-0.0307 -0.0248 -0.0148 0.0126 -0.0092 0.0079	-0.1029 -0.0432 0.0053 -0.1462 0.1227 -0.3757	1.9201 2.0667 1.9391 2.2044 1.9460 2.6111
111	2	6 7 8	1.204 -0.0371 0.0485	-0.0041 0.0006 0.0006	-0.0013 0.0006 0.0006	-0.0041 0.0006 0.0006	-0.0013 0.0006 0.0006	-0.0041 0.0006 0.0006	-0.0013 0.0006 0.0006	-0.0041 0.0006 0.0006	-0.0013 0.0006 0.0006	-0.0041 0.0006 0.0006	-0.0013 0.0006 0.0006	2.1785 1.7984 2.3767 1.6477	-0.0382 0.0267 -0.0151 0.0151	-0.0148 0.0126 -0.0092 0.0079	0.0053 -0.1462 0.1227 -0.3757	1.9391 2.2044 1.9460 2.6111
111	3	6 7 8	1.206 -0.0195 0.0346	-0.0032 0.0016 0.0016	-0.0018 0.0016 0.0016	-0.0032 0.0016 0.0016	-0.0018 0.0016 0.0016	-0.0032 0.0016 0.0016	-0.0018 0.0016 0.0016	-0.0032 0.0016 0.0016	-0.0018 0.0016 0.0016	-0.0032 0.0016 0.0016	-0.0018 0.0016 0.0016	2.3767 1.6477	-0.0151 0.0151	-0.0092 0.0079	0.1227 -0.3757	1.9460 2.6111

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
111	4	6 7 8	1.205 -0.0113 0.0273	-0.069 0.0031 0.0016	-0.0066 0.0085	-4.499 -1.3739 0.2996	2.9380 1.5632	-0.0111 0.0039	-0.0008 -0.0006	-0.0046 0.0032	0.4008 -0.8629	2.0983 4.1789
111	5	6 7 8	1.204 -0.0036 0.0192	-0.020 0.0030 0.0020	-0.0035 0.0055	-4.499 -4.2057 0.5345	4.9361 1.4354	-0.0052 -0.0024	-0.0009 -0.0004	-0.0025 0.0012	0.9408 1.0177	2.4382 -2.5679
111	6	6 7 8	1.206 0.0049 0.0108	0.26 0.0023 0.0024	-0.0003 0.0019	-4.499 2.3771 1.1053	-0.3621 0.9010	0.0038 -0.0128	-0.0016 -0.0000	0.0012 -0.0030	-2.1101 0.0152	1.6579 1.1776
111	7	6 7 8	1.205 0.0161 0.0013	0.75 0.0021 0.0028	0.0038 -0.0019	-4.499 0.6756 10.5610	1.1946 7.2430	0.0123 -0.0207	-0.0017 0.0004	0.0043 -0.0063	-0.7173 -0.1165	1.7531 1.5450
111	8	6 7 8	1.204 0.0342 -0.0170	1.81 0.0020 0.0031	0.0105 -0.0089	-4.499 0.2931 -0.9393	1.5350 2.6304	0.0321 -0.0404	-0.0015 0.0009	0.0113 -0.0134	-0.2470 -0.1206	1.7664 1.6578
111	9	6 7 8	1.205 0.0656 -0.0513	3.80 0.0018 0.0047	0.0223 -0.0229	-4.499 0.1401 -0.4634	1.6988 2.2385	0.0632 -0.0745	-0.0023 0.0023	0.0232 -0.0259	-0.1876 -0.1593	1.8427 1.7383
111	10	6 7 8	1.205 -0.0020 0.0169	-0.26 0.0030 0.0019	-0.0029 0.0049	-4.499 -7.4632 0.5619	7.3463 1.4676	-0.0029 -0.0063	-0.0010 -0.0001	-0.0018 -0.0005	1.7357 0.1108	3.1471 0.4279
113	4	6 7 8	1.253 -0.0081 0.0151	-4.18 -0.0025 0.0026	-0.0033 0.0058	-0.00 1.5687 0.8792	2.0452 1.9314	-0.1104 0.1309	-0.0498 0.0457	-0.0394 0.0437	2.2553 1.7459	1.7869 1.6691
113	5	6 7 8	1.253 -0.0093 0.0084	-2.18 -0.0028 0.0056	-0.0036 0.0034	-0.00 1.5118 3.3423	1.9530 2.0111	-0.0685 0.0704	-0.0275 0.0269	-0.0232 0.0229	2.0066 1.9122	1.6925 1.6251
113	6	6 7 8	1.254 -0.0091 0.0099	-1.12 -0.0024 0.0056	-0.0033 0.0035	-0.00 1.3195 2.8138	1.8556 1.7558	-0.0386 0.0394	-0.0172 0.0162	-0.0129 0.0127	2.2322 2.0678	1.6746 1.6203
113	7	6 7 8	1.254 -0.0078 0.0094	-0.69 -0.0016 0.0051	-0.0034 0.0032	-0.00 1.0530 2.7163	2.2201 1.7315	-0.0256 0.0272	-0.0124 0.0117	-0.0087 0.0088	2.4358 2.1659	1.7134 1.6211

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
113	8	6	1.254	-0.0020	-0.0032	-0.0000	1.8058	-0.0111	-0.0070	-0.0039	3.1884	1.7812
		7	-0.0089	-0.0051	0.0031	2.7202	1.6429	0.0145	0.0067	0.0042	2.3345	1.4680
		8	0.0095	0.0051	0.0031	2.7202	1.6429	0.0145	0.0067	0.0042	2.3345	1.4680
113	10	6	1.254	0.0015	-0.0029	-0.0000	1.9138	0.0163	0.0022	0.0045	0.6779	1.3775
		7	-0.0078	-0.0015	0.0028	2.7870	1.6192	-0.0128	-0.0028	-0.0044	1.0961	1.7372
		8	0.0088	0.0049	0.0028	2.7870	1.6192	-0.0128	-0.0028	-0.0044	1.0961	1.7372
113	11	6	1.255	0.0073	-0.0036	-0.0000	1.7598	0.0144	0.0017	0.0042	0.6062	1.4667
		7	-0.0102	-0.0028	0.0033	2.7643	1.5664	-0.0124	-0.0026	-0.0042	1.0732	1.7143
		8	0.0108	0.0059	0.0033	2.7643	1.5664	-0.0124	-0.0026	-0.0042	1.0732	1.7143
113	12	6	1.253	1.83	-0.0033	-0.0000	1.7382	0.0447	0.0125	0.0136	1.3993	1.5285
		7	-0.0096	-0.0028	0.0032	2.7598	1.5363	-0.0415	-0.0136	-0.0131	1.6436	1.5869
		8	0.0105	0.0058	0.0032	2.7598	1.5363	-0.0415	-0.0136	-0.0131	1.6436	1.5869
113	13	6	1.254	3.78	-0.0029	-0.0000	1.7769	0.1035	0.0313	0.0336	1.5164	1.6246
		7	-0.0081	-0.0030	0.0032	2.4835	1.5028	-0.0938	-0.0322	-0.0321	1.7183	1.7156
		8	0.0107	0.0053	0.0032	2.4835	1.5028	-0.0938	-0.0322	-0.0321	1.7183	1.7156
114	1	6	1.254	-4.22	-0.0038	-0.0000	2.6181	-0.1350	-0.0456	-0.0463	1.6919	1.7167
		7	-0.0073	-0.0014	0.0033	3.2450	1.9872	0.1359	0.0450	0.0458	1.6587	1.6866
		8	0.0085	0.0055	0.0033	3.2450	1.9872	0.1359	0.0450	0.0458	1.6587	1.6866
114	2	6	1.254	-2.17	-0.0035	-0.0000	2.1207	-0.0679	-0.0274	-0.0230	2.0167	1.6950
		7	-0.0082	-0.0020	0.0033	2.8931	1.6881	0.0678	0.0259	0.0223	1.9116	1.6443
		8	0.0100	0.0057	0.0033	2.8931	1.6881	0.0678	0.0259	0.0223	1.9116	1.6443
114	3	6	1.254	-1.18	-0.0033	-0.0000	2.7845	-0.0406	-0.0183	-0.0137	2.2552	1.6865
		7	-0.0060	-0.0011	0.0031	3.3580	1.9844	0.0412	0.0169	0.0136	2.0570	1.6498
		8	0.0079	0.0053	0.0031	3.3580	1.9844	0.0412	0.0169	0.0136	2.0570	1.6498
114	4	6	1.255	-0.70	-0.0037	-0.0000	2.2708	-0.0278	-0.0133	-0.0095	2.4018	1.7160
		7	-0.0081	-0.0018	0.0032	3.2521	1.9926	0.0277	0.0119	0.0094	2.1550	1.7091
		8	0.0081	0.0053	0.0032	3.2521	1.9926	0.0277	0.0119	0.0094	2.1550	1.7091
114	5	6	1.255	-0.19	-0.0033	-0.0000	1.8879	-0.0128	-0.0078	-0.0046	3.0492	1.8082
		7	-0.0088	-0.0022	0.0030	3.3451	1.8385	0.0133	0.0067	0.0047	2.5090	1.7653
		8	0.0081	0.0054	0.0030	3.3451	1.8385	0.0133	0.0067	0.0047	2.5090	1.7653
114	6	6	1.254	0.33	-0.0036	-0.0000	2.1381	0.0010	-0.0027	-0.0002	-13.3195	-1.0698
		7	-0.0086	-0.0018	0.0032	2.8920	1.6304	-0.0012	0.0014	-0.0002	-5.6326	-0.8526
		8	0.0099	0.0057	0.0032	2.8920	1.6304	-0.0012	0.0014	-0.0002	-5.6326	-0.8526

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
114	7	6	1.254	-0.0080	0.72	-0.0033	-0.0018	2.0678	0.0118	0.0006	0.0031	0.0032	0.2858	1.3391	1.5831		
		6	0.0094	0.0056		0.0031	2.9681	1.6408	-0.0103	-0.0017	-0.0032		0.0415				
114	8	6	1.254	-0.0082	1.85	-0.0029	-0.0020	1.8164	0.0436	0.0119	0.0134	0.0134	1.3729	1.5382	1.5628		
		8	0.0095	0.0055		0.0031	2.8869	1.6237	-0.0416	-0.0134	-0.0130		1.6184				
114	9	6	1.255	-0.0066	3.77	-0.0028	-0.0028	2.1634	0.1027	0.0301	0.0331	0.0332	1.4645	1.6143	1.6392		
		8	0.0097	0.0048		0.0028	2.4875	1.4763	-0.0972	-0.0308	-0.0322		1.5866				
115	1	6	1.255	-0.0052	-4.23	-0.0034	-0.0030	3.2852	-0.1372	-0.0456	-0.0472	0.0464	1.6639	1.7199	1.7392		
		8	0.0144	0.0062		0.0030	2.1686	1.0423	0.1335	0.0449	0.0464		1.6827				
115	2	6	1.255	-0.0065	-2.24	-0.0035	-0.0037	2.7300	-0.0717	-0.0288	-0.0242	0.0240	2.0125	1.6894	1.7630		
		8	0.0167	0.0073		0.0037	2.1892	1.1074	0.0681	0.0265	0.0240		1.9488				
115	3	6	1.254	-0.0063	-1.18	-0.0035	-0.0032	2.8209	-0.0419	-0.0192	-0.0139	0.0137	2.3007	1.6689	1.8320		
		8	0.0160	0.0070		0.0032	2.1997	1.0152	0.0376	0.0170	0.0137		2.2619				
115	4	6	1.254	-0.0056	-0.66	-0.0034	-0.0031	3.0820	-0.0260	-0.0136	-0.0087	0.0087	2.6265	1.6793	1.9318		
		8	0.0155	0.0067		0.0031	2.1748	1.0093	0.0225	0.0113	0.0087		2.5143				
115	5	6	1.254	-0.0044	-0.26	-0.0031	-0.0027	3.5319	-0.0140	-0.0088	-0.0046	0.0047	3.1560	1.6521	2.3807		
		8	0.0143	0.0064		0.0027	2.2659	0.9773	0.0099	0.0063	0.0047		3.2020				
115	6	6	1.255	-0.0066	0.30	-0.0034	-0.0029	2.6306	-0.0003	-0.0036	-0.0001	0.0000	52.5662	1.4769	-0.0103		
		8	0.0151	0.0073		0.0029	2.4137	0.9570	-0.0040	0.0008	0.0000		-1.0901				
115	7	6	1.255	-0.0061	-0.80	-0.0030	-0.0029	2.4655	0.0143	0.0014	0.0044	0.0038	0.4903	1.5444	1.1727		
		8	0.0149	0.0070		0.0029	2.3528	0.9706	-0.0162	-0.0035	-0.0038		1.1026				
115	8	6	1.253	-0.0064	1.78	-0.0035	-0.0027	2.7784	0.0404	0.0110	0.0131	0.0127	1.3668	1.6277	1.4732		
		8	0.0144	0.0067		0.0027	2.3310	0.9629	-0.0433	-0.0139	-0.0127		1.6093				

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
115	9	6	1.254 -0.0044 0.0147	3.75 -0.0014 0.0067	-0.0029 0.0030	-2.908 1.2905	3.2617 1.0232	0.1028 -0.1019	0.0301 -0.0320	0.0370 -0.0330	1.4677 1.5716	1.6549 1.6233					
115	10	6	1.254 -0.0030 0.0146	5.85 -0.0009 0.0065	-0.0023 0.0029	-1.498 2.2339	3.9076 0.9886	0.1746 -0.1699	0.0465 -0.0477	0.0574 -0.0582	1.3329 1.4048	1.7011 1.7125					
115	11	6	1.254 -0.0055 0.0158	-0.027 -0.0012 0.0070	-0.0036 0.0032	-0.000 1.0870 2.2440	3.3319 1.0215	-0.0138 0.0104	-0.0089 0.0067	-0.0046 0.0049	3.2129 3.1926	1.6635 2.3476					
116	4	6	1.197 -0.0068 0.0372	-4.30 0.0001 0.0001	-0.0022 0.0136	0.000 -0.0747 0.0136	1.6361 1.8350	-0.0497 0.0879	-0.0476 0.0510	-0.0188 0.0291	4.7884 2.9040	1.8908 1.6600					
116	5	6	1.204 -0.0057 -0.0027	-2.15 0.0000 0.0022	-0.0021 0.0012	-0.0808 -4.0291	1.8380 -2.3542	-0.0477 0.0533	-0.0264 0.0272	-0.0165 0.0168	2.7713 2.5525	1.7324 1.5811					
116	6	6	1.205 -0.0056 0.0000	-1.18 0.0005 0.0017	-0.0018 0.0021	-0.5261 12.3368	1.6399 13.0952	-0.0259 0.0318	-0.0149 0.0155	-0.0089 0.0099	2.8911 2.4466	1.7248 1.5576					
116	7	6	1.205 -0.0076 0.0032	-0.75 0.0000 0.0013	-0.0026 0.0029	-0.0620 -2.1172	1.7104 4.6114	-0.0165 0.0228	-0.0099 0.0098	-0.0056 0.0073	2.9987 2.1560	1.7169 1.5981					
116	8	6	1.205 -0.0057 0.0048	-0.19 0.0003 0.0009	-0.0019 0.0030	-0.3316 0.9699	1.6478 3.1254	-0.0047 0.0089	-0.0041 0.0032	-0.0014 0.0026	4.3529 1.7968	1.5445 1.4816					
116	9	6	1.206 -0.0058 0.0055	-0.24 0.0000 0.0012	-0.0019 0.0031	-0.000 1.0942	1.7103 2.8233	0.0069 -0.0017	0.0001 -0.0007	0.0022 -0.0005	0.1292 2.1277	1.6359 1.5900					
116	10	6	1.205 -0.0069 0.0075	-0.70 0.0007 0.0013	-0.0018 0.0035	-0.5230 0.9029	1.3339 2.3490	0.0213 -0.0140	0.0056 -0.0062	-0.0069 -0.0048	1.3157 2.2156	1.6252 1.7297					
116	11	6	1.204 -0.0054 0.0066	-1.77 0.0017 0.0015	-0.0008 0.0029	-3.000 1.6142 1.1859	0.8103 2.2576	0.0491 -0.0382	0.0184 -0.0180	-0.0157 -0.0131	1.8795 2.3536	1.5994 1.7238					

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
116	12	6	1.204 -0.0063 0.0050	3.75 -0.0013 0.0012	-0.0013 0.0023	-0.914 1.0134 1.2134	1.0439 2.3081	0.0924 -0.0827	0.0409 -0.0388	0.0306 -0.0285	2.2116 2.3459	1.6578 1.7265					
117	1	6	1.204 -0.0062 0.0156	4.08 -0.0005 0.0020	-0.0026 0.0046	-0.4398 0.6622	2.1506 1.4855	-0.1189 0.1217	-0.0445 0.0427	-0.0401 0.0421	1.6724 1.7544	1.6975 1.7320					
117	2	6	1.203 -0.0008 0.0140	2.09 0.0011 0.0020	-0.0023 0.0036	0.00 0.9721 0.7185	2.0220 1.2958	-0.0546 0.0568	-0.0246 0.0226	-0.0182 0.0196	2.2542 1.9890	1.6660 1.7473					
117	3	6	1.204 -0.0050 0.0137	1.13 0.0013 0.0023	-0.0022 0.0035	0.00 1.3166 0.8412	2.2432 1.2824	-0.0286 0.0290	-0.0145 0.0122	-0.0088 0.0111	2.5463 2.1053	1.5451 1.9178					
117	4	6	1.204 -0.0066 0.0148	0.72 0.0008 0.0027	-0.0027 0.0037	-0.00 0.6418 0.9407	2.0538 1.2694	-0.0180 0.0189	-0.0103 0.0081	-0.0094 0.0078	2.6656 2.1544	1.5027 2.0623					
117	5	6	1.204 -0.0062 0.0138	0.21 0.0006 0.0028	-0.0027 0.0034	-0.00 0.5276 1.0161	2.2053 1.2392	-0.0062 0.0065	-0.0050 0.0033	-0.0037 0.0037	4.0490 2.5567	1.2851 2.8240					
117	6	6	1.204 -0.0044 0.0132	0.21 0.0017 0.0022	-0.0022 0.0032	-0.00 1.3207 0.8514	2.5619 1.2164	0.0045 -0.0045	-0.0005 -0.0011	0.0022 0.0000	-0.6194 1.2493	2.4290 -0.0183					
117	7	6	1.204 -0.0054 0.0130	0.70 0.0011 0.0022	-0.0026 0.0033	-0.00 1.0481 0.8691	2.4235 1.2859	0.0179 -0.0182	0.0050 -0.0068	0.0065 -0.0043	1.3994 1.8848	1.8156 1.1984					
117	8	6	1.205 -0.0046 0.0124	1.08 0.0016 0.0022	-0.0025 0.0031	-0.00 1.7477 0.9084	2.7166 1.2462	0.0505 -0.0495	0.0181 -0.0194	0.0169 -0.0146	1.7910 1.9667	1.6723 1.4817					
117	9	6	1.204 -0.0054 0.0131	3.74 0.0019 0.0026	-0.0026 0.0031	-0.00 1.7599 1.0110	2.4126 1.1854	0.1087 -0.1034	0.0370 -0.0374	0.0366 -0.0338	1.7037 1.8112	1.6824 1.6376					
117	10	6	1.206 -0.0044 0.0141	0.26 0.0014 0.0026	-0.0025 0.0035	0.00 1.6029 0.9312	2.8389 1.2626	-0.0069 0.0069	-0.0054 0.0034	-0.0015 0.0038	3.9499 2.4700	1.0816 2.7361					

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
118	4	6 7 8	1.204 -0.0062 0.00296	-4.28 0.0002 -0.00042	-0.0023 -0.0117 0.0000	-0.2330 -0.7088 0.0000	1.8852 1.9762 0.0000	-0.0845 0.1240 0.0000	-0.0512 0.0468 0.0000	-0.0302 0.0413 0.0000	3.0294 1.8891 0.0000	1.7911 1.6671 0.0000
118	5	6 7 8	1.206 -0.0050 0.00058	-2.19 0.0007 0.00011	-0.0019 0.0033 0.0000	-0.7691 0.9889 0.0000	1.9425 2.8760 0.0000	-0.0564 0.0638 0.0000	-0.0253 0.0249 0.0000	-0.0188 0.0207 0.0000	2.2457 1.9512 0.0000	1.6649 1.6222 0.0000
118	6	6 7 8	1.206 -0.0078 0.00084	-1.16 0.0002 -0.00020	-0.0027 0.0039 0.0000	-0.901 1.2417 0.0000	1.7575 2.3244 0.0000	-0.0295 0.0368 0.0000	-0.0147 0.0140 0.0000	-0.0099 0.0119 0.0000	2.5035 1.9151 0.0000	1.6787 1.6270 0.0000
118	7	6 7 8	1.206 -0.0077 0.00077	-0.61 0.0002 -0.00019	-0.0027 0.0034 0.0000	-0.1384 1.2937 0.0000	1.8569 2.2240 0.0000	-0.0173 0.0232 0.0000	-0.0096 0.0086 0.0000	-0.0059 0.0077 0.0000	2.7710 1.8625 0.0000	1.7048 1.6636 0.0000
118	8	6 7 8	1.207 -0.0062 0.00084	-0.22 0.0005 0.00018	-0.0023 0.0035 0.0000	-0.4510 1.0986 0.0000	1.8848 2.0629 0.0000	-0.0053 0.0111 0.0000	-0.0046 0.0037 0.0000	-0.0015 0.0036 0.0000	4.3702 1.6852 0.0000	1.4990 1.6382 0.0000
118	9	6 7 8	1.206 -0.0062 0.00085	0.26 0.0005 0.00017	-0.0023 0.0034 0.0000	-0.4510 1.2292 0.0000	1.8848 2.0387 0.0000	-0.0089 0.0021 0.0000	-0.0004 0.0008 0.0000	-0.0025 0.0004 0.0000	0.2452 1.9327 0.0000	1.4019 1.0164 0.0000
118	10	6 7 8	1.204 -0.0058 0.00073	0.69 0.0004 0.00011	-0.0022 0.0030 0.0000	-0.3568 0.8170 0.0000	1.9035 2.0558 0.0000	-0.0219 0.0143 0.0000	-0.0055 0.0056 0.0000	-0.0068 0.0045 0.0000	1.2716 1.9550 0.0000	1.5734 1.5879 0.0000
118	11	6 7 8	1.204 -0.0061 0.00083	1.78 0.0000 0.00020	-0.0022 0.0031 0.0000	-0.4719 1.2044 0.0000	1.7915 1.8462 0.0000	-0.0498 0.0436 0.0000	-0.0169 0.0164 0.0000	-0.0161 0.0136 0.0000	1.6976 2.0299 0.0000	1.6200 1.6764 0.0000
118	12	6 7 8	1.205 -0.0062 0.00083	3.85 0.0011 0.00020	-0.0017 0.0028 0.0000	-0.9612 1.2050 0.0000	1.4034 1.7113 0.0000	-0.1111 0.0956 0.0000	-0.0385 0.0384 0.0000	-0.0371 0.0327 0.0000	1.7338 2.0110 0.0000	1.6701 1.7126 0.0000
119	1	6 7 8	1.206 -0.0064 0.00099	-4.16 0.0000 -0.00011	-0.0027 0.0043 0.0000	-0.0155 0.5866 0.0000	2.0932 2.1641 0.0000	-0.1197 0.1281 0.0000	-0.0439 0.0432 0.0000	-0.0408 0.0426 0.0000	1.8343 1.6862 0.0000	1.7055 1.6637 0.0000
119	2	6 7 8	1.206 -0.0049 0.00085	-2.16 0.0007 0.00013	-0.0021 0.0036 0.0000	-0.0155 0.7589 0.8162	2.1681 2.1341 0.0000	-0.0573 0.0635 0.0000	-0.0249 0.0236 0.0000	-0.0189 0.0206 0.0000	2.1804 1.8594 0.0000	1.6302 1.6257 0.0000

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
119	3	6 7 8	1.205 -0.0074 0.0094	-1.28 -0.0000 0.0019	-0.0030 0.0038 0.0038	-0.0030 0.0038 0.0038	-0.0030 0.0038 0.0038	-0.0030 0.0038 0.0038	-0.0030 0.0038 0.0038	-0.0030 0.0038 0.0038	-0.0030 0.0038 0.0038	-0.0030 0.0038 0.0038	-0.0030 0.0038 0.0038	-0.0030 0.0038 0.0038	-0.0030 0.0038 0.0038	-0.0030 0.0038 0.0038	1.6996 1.6074 1.6074
119	4	6 7 8	1.205 -0.0065 0.0088	-0.71 0.0005 0.0019	-0.0025 0.0033 0.0033	-0.0025 0.0033 0.0033	-0.0025 0.0033 0.0033	-0.0025 0.0033 0.0033	-0.0025 0.0033 0.0033	-0.0025 0.0033 0.0033	-0.0025 0.0033 0.0033	-0.0025 0.0033 0.0033	-0.0025 0.0033 0.0033	-0.0025 0.0033 0.0033	-0.0025 0.0033 0.0033	-0.0025 0.0033 0.0033	1.7100 1.6419 1.6419
119	5	6 7 8	1.206 -0.0042 0.0084	-0.19 0.0011 0.0013	-0.0020 0.0034 0.0034	-0.0020 0.0034 0.0034	-0.0020 0.0034 0.0034	-0.0020 0.0034 0.0034	-0.0020 0.0034 0.0034	-0.0020 0.0034 0.0034	-0.0020 0.0034 0.0034	-0.0020 0.0034 0.0034	-0.0020 0.0034 0.0034	-0.0020 0.0034 0.0034	-0.0020 0.0034 0.0034	-0.0020 0.0034 0.0034	1.3003 1.6482 1.6482
119	6	6 7 8	1.205 -0.0057 0.0085	0.24 0.0008 0.0016	-0.0025 0.0034 0.0034	-0.0025 0.0034 0.0034	-0.0025 0.0034 0.0034	-0.0025 0.0034 0.0034	-0.0025 0.0034 0.0034	-0.0025 0.0034 0.0034	-0.0025 0.0034 0.0034	-0.0025 0.0034 0.0034	-0.0025 0.0034 0.0034	-0.0025 0.0034 0.0034	-0.0025 0.0034 0.0034	-0.0025 0.0034 0.0034	1.6412 0.5357 0.5357
119	7	6 7 8	1.205 -0.0054 0.0074	0.77 0.0008 0.0012	-0.0022 0.0031 0.0031	-0.0022 0.0031 0.0031	-0.0022 0.0031 0.0031	-0.0022 0.0031 0.0031	-0.0022 0.0031 0.0031	-0.0022 0.0031 0.0031	-0.0022 0.0031 0.0031	-0.0022 0.0031 0.0031	-0.0022 0.0031 0.0031	-0.0022 0.0031 0.0031	-0.0022 0.0031 0.0031	-0.0022 0.0031 0.0031	1.5741 1.5780 1.5780
119	8	6 7 8	1.206 -0.0058 0.0081	1.79 0.0007 0.0020	-0.0023 0.0029 0.0029	-0.0023 0.0029 0.0029	-0.0023 0.0029 0.0029	-0.0023 0.0029 0.0029	-0.0023 0.0029 0.0029	-0.0023 0.0029 0.0029	-0.0023 0.0029 0.0029	-0.0023 0.0029 0.0029	-0.0023 0.0029 0.0029	-0.0023 0.0029 0.0029	-0.0023 0.0029 0.0029	-0.0023 0.0029 0.0029	1.6343 1.6116 1.6116
119	9	6 7 8	1.205 -0.0053 0.0094	3.80 0.0010 0.0022	-0.0023 0.0031 0.0031	-0.0023 0.0031 0.0031	-0.0023 0.0031 0.0031	-0.0023 0.0031 0.0031	-0.0023 0.0031 0.0031	-0.0023 0.0031 0.0031	-0.0023 0.0031 0.0031	-0.0023 0.0031 0.0031	-0.0023 0.0031 0.0031	-0.0023 0.0031 0.0031	-0.0023 0.0031 0.0031	-0.0023 0.0031 0.0031	1.6503 1.6540 1.6540
120	1	6 7 8	1.205 -0.0051 0.0101	-4.11 0.0005 0.0013	-0.0025 0.0040 0.0040	-0.0025 0.0040 0.0040	-0.0025 0.0040 0.0040	-0.0025 0.0040 0.0040	-0.0025 0.0040 0.0040	-0.0025 0.0040 0.0040	-0.0025 0.0040 0.0040	-0.0025 0.0040 0.0040	-0.0025 0.0040 0.0040	-0.0025 0.0040 0.0040	-0.0025 0.0040 0.0040	-0.0025 0.0040 0.0040	1.7005 1.6792 1.6792
120	2	6 7 8	1.206 -0.0061 0.0089	-2.15 0.0002 0.0017	-0.0026 0.0037 0.0037	-0.0026 0.0037 0.0037	-0.0026 0.0037 0.0037	-0.0026 0.0037 0.0037	-0.0026 0.0037 0.0037	-0.0026 0.0037 0.0037	-0.0026 0.0037 0.0037	-0.0026 0.0037 0.0037	-0.0026 0.0037 0.0037	-0.0026 0.0037 0.0037	-0.0026 0.0037 0.0037	-0.0026 0.0037 0.0037	1.6541 1.6641 1.6641
120	3	6 7 8	1.205 -0.0054 0.0092	-1.18 0.0008 0.0019	-0.0023 0.0037 0.0037	-0.0023 0.0037 0.0037	-0.0023 0.0037 0.0037	-0.0023 0.0037 0.0037	-0.0023 0.0037 0.0037	-0.0023 0.0037 0.0037	-0.0023 0.0037 0.0037	-0.0023 0.0037 0.0037	-0.0023 0.0037 0.0037	-0.0023 0.0037 0.0037	-0.0023 0.0037 0.0037	-0.0023 0.0037 0.0037	1.6592 1.7127 1.7127
120	4	6 7 8	1.206 -0.0060 0.0093	-0.76 0.0004 0.0018	-0.0026 0.0038 0.0038	-0.0026 0.0038 0.0038	-0.0026 0.0038 0.0038	-0.0026 0.0038 0.0038	-0.0026 0.0038 0.0038	-0.0026 0.0038 0.0038	-0.0026 0.0038 0.0038	-0.0026 0.0038 0.0038	-0.0026 0.0038 0.0038	-0.0026 0.0038 0.0038	-0.0026 0.0038 0.0038	-0.0026 0.0038 0.0038	1.5519 1.6707 1.6707

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key										
120	5	6 7 8	1.295 -0.0037 0.0089	-0.0012 0.0015 0.0015	-0.0020 0.0036 0.0036	-1.6688 -1.2293 0.8568	-2.088 -0.0012 0.0015	-0.0020 0.0036 0.0036	-0.0035 0.0091 0.0091	-0.0041 0.0031 0.0031	-0.0012 0.0035 0.0035	5.7637 1.6985 1.6985	1.8020 1.9341 1.9341
120	6	6 7 8	1.205 -0.0047 0.0079	0.0011 0.0014 0.0014	-0.0023 0.0032 0.0032	-0.0003 -1.2293 0.9055	-0.0003 -0.0011 0.0014	-0.0023 0.0032 0.0032	0.0072 -0.0042 -0.0042	-0.0001 -0.0012 -0.0012	0.0024 -0.0002 -0.0002	-0.0779 1.4769 1.4769	1.7095 0.2543 0.2543
120	7	6 7 8	1.295 -0.0036 0.0079	0.0014 0.0014 0.0014	-0.0019 0.0030 0.0030	-0.9117 -0.9067 0.9067	-0.0019 0.0030 0.0030	-0.0019 0.0030 0.0030	0.0206 -0.0151 -0.0151	0.0049 -0.0055 -0.0055	0.0067 -0.0046 -0.0046	1.2000 1.8504 1.8504	1.6206 1.5435 1.5435
120	8	6 7 8	1.205 -0.0056 0.0092	0.0012 0.0020 0.0020	-0.0026 0.0032 0.0032	-0.0003 -1.1866 1.1003	-0.0003 -1.1866 1.1003	-0.0026 0.0032 0.0032	0.0507 -0.0439 -0.0439	0.0170 -0.0167 -0.0167	0.0164 -0.0142 -0.0142	1.6019 1.9077 1.9077	1.6192 1.6177 1.6177
120	9	6 7 8	1.205 -0.0047 0.0085	0.0014 0.0014 0.0014	-0.0022 0.0029 0.0029	-0.5383 0.8479 0.8479	-0.0022 0.0029 0.0029	-0.0022 0.0029 0.0029	0.1099 -0.0395 -0.0395	0.0358 -0.0356 -0.0356	0.0365 -0.0334 -0.0334	1.6306 1.7920 1.7920	1.6637 1.6703 1.6703
121	1	6 7 8	1.001 -0.0098 0.0148	-0.0011 0.0034 0.0034	-0.0034 0.0059 0.0059	-0.0002 1.1485 1.1485	-0.0011 0.0034 0.0034	-0.0034 0.0059 0.0059	-0.0819 0.0975 0.0975	-0.0396 0.0420 0.0420	-0.0328 0.0322 0.0322	2.4224 2.1549 2.1549	1.7627 1.6513 1.6513
121	2	6 7 8	1.003 -0.0086 0.0069	-0.0016 0.0040 0.0040	-0.0027 0.0035 0.0035	-0.0002 2.9315 2.9315	-0.0016 0.0040 0.0040	-0.0027 0.0035 0.0035	-0.0439 0.0525 0.0525	-0.0206 0.0232 0.0232	-0.0157 0.0167 0.0167	2.3520 2.2093 2.2093	1.7506 1.5912 1.5912
121	3	6 7 8	1.003 -0.0080 0.0052	-0.0015 0.0036 0.0036	-0.0028 0.0031 0.0031	-0.0002 3.4477 3.4477	-0.0015 0.0036 0.0036	-0.0028 0.0031 0.0031	-0.0249 0.0319 0.0319	-0.0119 0.0139 0.0139	-0.0092 0.0103 0.0103	2.4025 2.1940 2.1940	1.8607 1.6178 1.6178
121	4	6 7 8	1.004 -0.0080 0.0070	-0.0014 0.0041 0.0041	-0.0025 0.0033 0.0033	-0.0002 2.9318 2.9318	-0.0014 0.0041 0.0041	-0.0025 0.0033 0.0033	-0.0124 0.0198 0.0198	-0.0062 0.0084 0.0084	-0.0046 0.0065 0.0065	2.5216 2.1249 2.1249	1.8725 1.6419 1.6419
121	5	6 7 8	1.005 -0.0086 0.0066	-0.0016 0.0038 0.0038	-0.0026 0.0032 0.0032	-0.0002 2.9250 2.9250	-0.0016 0.0038 0.0038	-0.0026 0.0032 0.0032	-0.0040 0.0112 0.0112	-0.0026 0.0043 0.0043	-0.0016 0.0034 0.0034	3.2017 1.9475 1.9475	1.9900 1.5190 1.5190
121	6	6 7 8	1.003 -0.0090 0.0063	-0.0017 0.0037 0.0037	-0.0026 0.0031 0.0031	-0.0002 2.9224 2.9224	-0.0017 0.0037 0.0037	-0.0026 0.0031 0.0031	0.0037 0.0028 0.0028	0.0004 0.0009 0.0009	0.0005 0.0007 0.0007	0.9367 1.7181 1.7181	0.7203 1.3775 1.3775

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key											
121	7	6	1.004 -0.0081 0.0065	0.71 -0.0014 0.0038	-0.0022 0.0030	-0.0000 0.8886 2.9230	1.3805 2.3280	0.0163 -0.0089	0.0060 -0.0037	0.0049 -0.0029	1.8578 2.1095	1.5153 1.6600		
121	8	6	1.003 -0.0075 -0.0069	1.64 -0.0013 0.0038	-0.0023 0.0032	-0.0000 0.8770 2.8003	1.5536 2.3613	0.0355 -0.0264	0.0146 -0.0122	0.0109 -0.0091	2.0595 2.3123	1.5382 1.7213		
121	9	6	1.004 -0.0065 0.0068	3.67 -0.0017 0.0040	-0.0017 0.0032	-0.0000 1.3555 2.9318	1.3066 2.4021	0.0843 -0.0682	0.0353 -0.0319	0.0275 -0.0239	2.0922 2.3386	1.6346 1.7569		
122	1	6	1.002 -0.0097 0.0115	4.16 -0.0012 0.0042	-0.0032 0.0048	-0.0000 0.6442 1.8363	1.6535 2.0902	-0.0947 0.1053	-0.0420 0.0441	-0.0332 0.0349	2.2187 2.0947	1.7551 1.6601		
122	2	6	1.005 -0.0081 0.0054	2.21 -0.0012 0.0037	-0.0029 0.0031	-0.0000 0.7687 2.4218	1.7977 2.9243	-0.0468 0.0525	-0.0213 0.0227	-0.0167 0.0172	2.2773 2.1627	1.7869 1.6441		
122	3	6	1.003 -0.0069 0.0079	1.28 -0.0009 0.0044	-0.0025 0.0034	-0.0000 0.6540 2.8268	1.8125 2.1725	-0.0266 0.0345	-0.0121 0.0144	-0.0098 0.0110	2.2867 2.0915	1.8461 1.6020		
122	4	6	1.004 -0.0080 0.0078	0.77 -0.0012 0.0044	-0.0026 0.0036	-0.0000 0.7541 2.8300	1.6358 2.3455	-0.0161 0.0239	-0.0076 0.0097	-0.0064 0.0079	2.3701 2.0290	1.9931 1.6507		
122	5	6	1.003 -0.0093 0.0089	0.29 -0.0016 0.0047	-0.0031 0.0036	-0.0000 0.8946 2.6481	1.6826 2.0449	-0.0035 0.0122	-0.0021 0.0044	-0.0017 0.0037	3.0649 1.8328	2.4239 1.5216		
122	6	6	1.003 -0.0081 0.0057	0.13 -0.0012 0.0037	-0.0026 0.0031	-0.0000 0.7641 3.2376	1.6358 2.7692	0.0050 0.0035	0.0008 0.0011	0.0008 0.0009	0.8262 1.7014	0.8040 1.5011		
122	7	6	1.003 -0.0092 0.0078	0.65 -0.0015 0.0042	-0.0027 0.0037	-0.0000 0.8468 2.7096	1.5031 2.3652	0.0162 -0.0077	0.0054 -0.0032	0.0048 -0.0025	1.6723 2.0855	1.4931 1.6658		
122	8	6	1.002 -0.0080 0.0074	1.72 -0.0012 0.0040	-0.0023 0.0032	-0.0000 0.7595 2.6900	1.4734 2.2074	0.0401 -0.0295	0.0161 -0.0131	0.0124 -0.0101	2.0074 2.2276	1.5524 1.7263		

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
122	9	6 7 8	-1.0085 -0.0089 0.0069	-3.73 -0.0041	-0.0027 0.0038	-0.092 2.3400	1.6075 2.1232	0.0922 -0.0779	-0.0389 -0.0347	0.0303 -0.0266	2.0597 2.2280	1.6459 1.7113					
123	1	6 7 8	-1.0001 -0.0089 0.0092	-4.22 -0.0043	-0.0035 0.0041	-0.0242 2.3418	1.9634 2.2745	-0.1137 0.1222	-0.0468 0.0491	-0.0398 0.0411	2.0565 2.0108	1.7522 1.6825					
123	2	6 7 8	-1.0000 -0.0069 0.0085	-2.23 -0.0046	-0.0029 0.0040	-0.0370 2.7325	2.1360 2.3724	-0.0551 0.0626	-0.0234 0.0259	-0.0191 0.0209	2.1278 2.0687	1.7377 1.6688					
123	3	6 7 8	-1.0003 -0.0068 0.0076	-1.34 -0.0043	-0.0028 0.0036	-0.0339 2.8193	2.0403 2.3696	-0.0315 0.0384	-0.0138 0.0158	-0.0111 0.0126	2.1907 2.0555	1.7668 1.6441					
123	4	6 7 8	-1.0002 -0.0066 0.0074	-0.71 -0.0041	-0.0025 0.0034	-0.0030 2.8127	1.8995 2.3359	-0.0159 0.0217	-0.0070 0.0086	-0.0058 0.0075	2.2281 1.9943	1.8396 1.7297					
123	5	6 7 8	-1.0002 -0.0086 0.0087	-0.26 -0.0046	-0.0028 0.0038	-0.0034 2.6338	1.6108 2.2105	-0.0032 0.0109	-0.0020 0.0040	-0.0016 0.0039	3.0666 1.8369	2.4877 1.7968					
123	6	6 7 8	-1.0004 -0.0081 0.0085	0.14 -0.0044	-0.0027 0.0038	-0.0034 2.6255	1.7064 2.2585	0.0046 0.0032	0.0006 0.0011	0.0010 0.0010	0.6550 1.8665	1.1575 1.6335					
123	7	6 7 8	-1.0004 -0.0088 0.0086	0.62 -0.0043	-0.0030 0.0039	-0.0033 2.5240	1.7260 2.3067	0.0180 -0.0115	0.0057 -0.0040	0.0052 -0.0031	1.5982 1.7406	1.4614 1.3524					
123	8	6 7 8	-1.0003 -0.0081 0.0080	1.78 -0.0038	-0.0026 0.0034	-0.0034 2.3655	1.6259 2.1437	0.0467 -0.0385	0.0178 -0.0159	0.0149 -0.0126	1.9096 1.0721	1.6035 1.6377					
123	9	6 7 8	-1.0004 -0.0079 0.0095	3.69 -0.0040	-0.0026 0.0039	-0.0032 2.0876	1.6634 2.0745	0.1013 -0.0862	0.0405 -0.0370	0.0333 -0.0295	2.0014 2.1469	1.6467 1.7146					
124	1	6 7 8	-1.0001 -0.0094 0.0088	-4.21 -0.0040	-0.0036 0.0040	-0.0035 2.5122	1.9354 2.2925	-0.1206 0.1269	-0.0471 0.0489	-0.0416 0.0432	1.9539 1.9275	1.7249 1.7012					

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
124	2	6 7 8	1.003 -0.0081 0.0086	-2.18 -0.0004 0.0051	-0.0031 0.0040	-0.0001 0.0000 0.0000	-0.0031 0.0040	-0.0001 0.0000 0.0000	-0.0031 0.0040	-0.0001 0.0000 0.0000	-0.0031 0.0040	-0.0001 0.0000 0.0000	-0.0031 0.0040	-0.0001 0.0000 0.0000	-0.0031 0.0040	-0.0001 0.0000 0.0000	-0.0031 0.0040
124	3	6 7 8	1.002 -0.0085 0.0079	-1.35 -0.0007 0.0046	-0.0033 0.0040	-0.0001 0.0000 0.0000	-0.0033 0.0040	-0.0001 0.0000 0.0000	-0.0033 0.0040	-0.0001 0.0000 0.0000	-0.0033 0.0040	-0.0001 0.0000 0.0000	-0.0033 0.0040	-0.0001 0.0000 0.0000	-0.0033 0.0040	-0.0001 0.0000 0.0000	-0.0033 0.0040
124	4	6 7 8	1.005 -0.0091 0.0100	-0.71 -0.0007 0.0049	-0.0035 0.0043	-0.0001 0.0000 0.0000	-0.0035 0.0043	-0.0001 0.0000 0.0000	-0.0035 0.0043	-0.0001 0.0000 0.0000	-0.0035 0.0043	-0.0001 0.0000 0.0000	-0.0035 0.0043	-0.0001 0.0000 0.0000	-0.0035 0.0043	-0.0001 0.0000 0.0000	-0.0035 0.0043
124	5	6 7 8	1.004 -0.0070 0.0093	-0.26 -0.0001 0.0047	-0.0025 0.0040	-0.0001 0.0000 0.0000	-0.0025 0.0040	-0.0001 0.0000 0.0000	-0.0025 0.0040	-0.0001 0.0000 0.0000	-0.0025 0.0040	-0.0001 0.0000 0.0000	-0.0025 0.0040	-0.0001 0.0000 0.0000	-0.0025 0.0040	-0.0001 0.0000 0.0000	-0.0025 0.0040
124	6	6 7 8	1.003 -0.0093 0.0102	0.22 -0.0011 0.0051	-0.0036 0.0043	-0.0001 0.0000 0.0000	-0.0036 0.0043	-0.0001 0.0000 0.0000	-0.0036 0.0043	-0.0001 0.0000 0.0000	-0.0036 0.0043	-0.0001 0.0000 0.0000	-0.0036 0.0043	-0.0001 0.0000 0.0000	-0.0036 0.0043	-0.0001 0.0000 0.0000	-0.0036 0.0043
124	7	6 7 8	1.004 -0.0082 0.0096	0.61 -0.0007 0.0045	-0.0029 0.0039	-0.0001 0.0000 0.0000	-0.0029 0.0039	-0.0001 0.0000 0.0000	-0.0029 0.0039	-0.0001 0.0000 0.0000	-0.0029 0.0039	-0.0001 0.0000 0.0000	-0.0029 0.0039	-0.0001 0.0000 0.0000	-0.0029 0.0039	-0.0001 0.0000 0.0000	-0.0029 0.0039
124	8	6 7 8	1.002 -0.0088 0.0114	1.73 -0.0010 0.0049	-0.0031 0.0045	-0.0001 0.0000 0.0000	-0.0031 0.0045	-0.0001 0.0000 0.0000	-0.0031 0.0045	-0.0001 0.0000 0.0000	-0.0031 0.0045	-0.0001 0.0000 0.0000	-0.0031 0.0045	-0.0001 0.0000 0.0000	-0.0031 0.0045	-0.0001 0.0000 0.0000	-0.0031 0.0045
124	9	6 7 8	1.004 -0.0083 0.0113	3.70 -0.0007 0.0044	-0.0029 0.0042	-0.0001 0.0000 0.0000	-0.0029 0.0042	-0.0001 0.0000 0.0000	-0.0029 0.0042	-0.0001 0.0000 0.0000	-0.0029 0.0042	-0.0001 0.0000 0.0000	-0.0029 0.0042	-0.0001 0.0000 0.0000	-0.0029 0.0042	-0.0001 0.0000 0.0000	-0.0029 0.0042
125	1	6 7 8	1.002 -0.0075 0.0166	-4.21 0.0008 0.0048	-0.0038 0.0046	-0.0001 0.0000 0.0000	-0.0038 0.0046	-0.0001 0.0000 0.0000	-0.0038 0.0046	-0.0001 0.0000 0.0000	-0.0038 0.0046	-0.0001 0.0000 0.0000	-0.0038 0.0046	-0.0001 0.0000 0.0000	-0.0038 0.0046	-0.0001 0.0000 0.0000	-0.0038 0.0046
125	2	6 7 8	1.003 -0.0075 0.0169	-2.30 0.0008 0.0059	-0.0035 0.0043	-0.0001 0.0000 0.0000	-0.0035 0.0043	-0.0001 0.0000 0.0000	-0.0035 0.0043	-0.0001 0.0000 0.0000	-0.0035 0.0043	-0.0001 0.0000 0.0000	-0.0035 0.0043	-0.0001 0.0000 0.0000	-0.0035 0.0043	-0.0001 0.0000 0.0000	-0.0035 0.0043
125	3	6 7 8	1.004 -0.0075 0.0184	-1.32 0.0008 0.0053	-0.0035 0.0042	-0.0001 0.0000 0.0000	-0.0035 0.0042	-0.0001 0.0000 0.0000	-0.0035 0.0042	-0.0001 0.0000 0.0000	-0.0035 0.0042	-0.0001 0.0000 0.0000	-0.0035 0.0042	-0.0001 0.0000 0.0000	-0.0035 0.0042	-0.0001 0.0000 0.0000	-0.0035 0.0042

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
125	4	9	-0.10078	-0.0078	-0.0033	-0.5728	2.1708	-0.0237	-0.0076	-0.0080	1.6102	1.6876
	8		-0.00186	0.0054	0.0043	1.4514	1.1690	0.0258	0.0082	0.0100	1.5950	1.9387
125	5	9	1.0001	-0.30	-0.0033	-0.0000	2.4853	-0.0095	-0.0033	-0.0030	1.7517	1.5945
	8		-0.00038	0.0011	0.0040	1.4278	1.1490	0.0110	0.0032	0.0052	1.4811	2.3624
125	6	9	1.0006	0.17	-0.0033	-0.0000	2.3556	0.0033	0.0001	0.0012	0.2643	1.0272
	8		-0.00071	0.0008	0.0042	1.4370	1.2223	-0.0028	-0.0005	0.0008	1.0048	-1.4243
125	7	9	1.0005	0.64	-0.0037	-0.0000	2.2638	0.0177	0.0043	0.0057	1.2320	1.6299
	8		-0.00083	0.0005	0.0047	1.4423	1.2468	-0.0144	-0.0038	-0.0032	1.3254	1.1395
125	8	9	1.0004	1.71	-0.0035	-0.0000	2.4720	0.0491	0.0144	0.0165	1.4686	1.6786
	8		-0.00071	0.0011	0.0044	1.4022	1.2440	-0.0438	-0.0141	-0.0136	1.5439	1.4884
125	9	9	1.0006	5.71	-0.0035	-0.0000	2.5137	0.1166	0.0375	0.0396	1.6121	1.7021
	8		-0.00183	0.0047	0.0040	1.2796	1.1072	-0.1113	-0.0365	-0.0361	1.6423	1.6214
125	10	9	1.0007	-0.32	-0.0032	-0.0000	2.6529	-0.0103	-0.0036	-0.0031	1.7669	1.5276
	8		-0.00060	0.0013	0.0040	1.4872	1.1446	0.0115	0.0038	0.0057	1.6450	2.4703
126	4	9	0.904	-4.34	-0.0039	-0.0000	1.9634	-0.1245	-0.0452	-0.0424	1.8186	1.7044
	8		-0.00100	0.0010	0.0051	1.6025	1.3973	0.1324	0.0476	0.0453	1.7979	1.7134
126	5	9	0.903	-2.36	-0.0034	-0.0000	2.1035	-0.0633	-0.0229	-0.0207	1.8126	1.6393
	8		-0.00082	0.0004	0.0041	1.5793	1.2792	0.0656	0.0236	0.0224	1.8038	1.7107
126	6	9	0.903	-1.27	-0.0028	-0.0000	2.3268	-0.0321	-0.0117	-0.0109	1.8333	1.6974
	8		-0.00061	0.0002	0.0036	1.5736	1.2553	0.0344	0.0122	0.0120	1.7698	1.7483
126	7	9	0.903	-0.91	-0.0036	-0.0000	1.9635	-0.0208	-0.0074	-0.0067	1.7817	1.6205
	8		-0.00092	0.0007	0.0041	1.5793	1.2792	0.0241	0.0084	0.0089	1.7583	1.8488

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pl	Cd	See Key									
126	8	6	0.904	-0.39	-0.0039	-0.4332	2.1247	-0.0093	-0.0033	-0.0024	1.7944	1.3172
		7	-0.0092	-0.0008	0.0042	0.4332	1.2666	0.0120	0.0039	0.0049	1.6248	2.0377
		8	0.0167	0.0052	-0.0042	1.5618						
126	9	6	0.904	0.16	-0.0037	-0.4306	2.0442	0.0065	0.0020	0.0026	1.6021	1.9908
		7	-0.0092	-0.0007	0.0043	0.4306	1.3578	-0.0046	-0.0017	-0.0001	1.6853	0.1421
		8	0.0161	0.0051	-0.0043	1.5981						
126	10	6	0.903	0.55	-0.0039	-0.400	2.1738	0.0158	0.0054	0.0056	1.7172	1.7886
		7	-0.0090	-0.0006	0.0040	0.3736	1.3320	-0.0125	-0.0044	-0.0030	1.7690	1.2317
		8	0.0153	0.0046	-0.0040	1.5203						
126	11	6	0.902	1.74	-0.0027	-0.400	1.8716	0.0496	0.0177	0.0170	1.7895	1.7175
		7	-0.0072	-0.0000	0.0036	0.400	1.3200	-0.0468	-0.0172	-0.0147	1.8392	1.5783
		8	0.0137	0.0039	-0.0036	1.4228						
126	12	6	0.904	3.66	-0.0036	-0.3055	2.0567	0.1105	0.0396	0.0375	1.7952	1.6991
		7	-0.0087	-0.0005	0.0043	0.3055	1.2817	-0.1029	-0.0380	-0.0342	1.8475	1.6637
		8	0.0171	0.0048	-0.0043	1.4302						
126	13	6	0.902	-0.44	-0.0031	-0.400	2.3572	-0.0091	-0.0032	-0.0026	1.7677	1.4333
		7	-0.0067	0.0000	0.0039	0.400	1.3113	0.0109	0.0034	0.0047	1.5705	2.1906
		8	0.0151	0.0047	-0.0039	1.5565						
127	1	6	0.903	-4.37	-0.0031	-0.400	1.5653	-0.1014	-0.0400	-0.0351	1.9719	1.7339
		7	-0.0100	-0.0015	0.0043	0.7574	2.1705	0.1109	0.0425	0.0364	1.9190	1.6404
		8	0.0100	0.0040	-0.0043	2.0098						
127	2	6	0.903	-2.41	-0.0032	-0.400	1.5140	-0.0507	-0.0205	-0.0178	2.0231	1.7634
		7	-0.0108	-0.0020	0.0044	0.9313	2.3528	0.0605	0.0237	0.0192	1.9592	1.5885
		8	0.0085	0.0044	-0.0044	2.5753						
127	3	6	0.904	-1.40	-0.0028	-0.400	1.6392	-0.0289	-0.0118	-0.0102	2.0482	1.7703
		7	-0.0086	-0.0015	0.0035	0.8793	2.6880	0.0370	0.0144	0.0119	1.9057	1.5780
		8	0.0066	0.0036	-0.0035	2.7580						
127	4	6	0.903	-0.87	-0.0031	-0.400	1.6653	-0.0166	-0.0068	-0.0050	2.0558	1.8104
		7	-0.0093	-0.0017	0.0040	0.9438	2.4509	0.0264	0.0098	0.0083	1.8553	1.5684
		8	0.0081	0.0043	-0.0040	2.6849						
127	5	6	0.902	-0.41	-0.0034	-0.400	1.6875	-0.0066	-0.0028	-0.0025	2.1185	1.9286
		7	-0.0100	-0.0020	0.0039	0.9886	2.5145	0.0160	0.0055	0.0047	1.7342	1.4982
		8	0.0079	0.0042	-0.0039	2.6763						

TABLE V
TA'L FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
127	6	6 7 8	0.903 -0.0083 0.0058	0.09 -0.0013 0.0033	-0.0024 0.0033	-0.8223 0.9003	1.5039 2.9017	0.0072 -0.0005	0.0021 -0.0007	0.0017 -0.0002	1.4830 6.9852	1.2333 2.7460
127	7	6 7 8	0.903 -0.0095 0.0070	0.55 -0.0017 0.0037	-0.0029 0.0036	-0.9072 0.9037	1.5316 2.5902	0.0153 -0.0082	0.0054 -0.0033	0.0044 -0.0027	1.7692 2.0391	1.4591 1.6589
127	8	6 7 8	0.904 -0.0094 0.0074	1.60 -0.0016 0.0039	-0.0026 0.0035	-0.8573 0.9428	1.4093 2.4132	0.0422 -0.0323	0.0163 -0.0133	0.0134 -0.0113	1.9331 2.0703	1.5943 1.7623
127	9	6 7 8	0.904 -0.0106 0.0078	3.60 -0.0021 0.0037	-0.0029 0.0037	-0.9989 0.9007	1.3941 2.3653	0.0899 -0.0780	0.0346 -0.0318	0.0297 -0.0267	1.9246 2.0404	1.6515 1.7131
128	1	6 7 8	0.903 -0.0078 0.0070	-4.55 -0.0007 0.0034	-0.0030 0.0037	-0.9003 0.5066	1.9254 2.6956	-0.1096 0.1181	-0.0419 0.0444	-0.0378 0.0385	1.9118 1.8808	1.7257 1.6324
128	2	6 7 8	0.903 -0.0107 0.0092	-2.36 -0.0019 0.0045	-0.0036 0.0043	-0.946 0.4891	1.6826 2.3803	-0.0562 0.0642	-0.0218 0.0243	-0.0191 0.0209	1.9428 1.8937	1.7049 1.6302
128	3	6 7 8	0.903 -0.0094 0.0090	-1.38 -0.0015 0.0044	-0.0033 0.0042	-0.8183 0.4757	1.7579 2.3491	-0.0283 0.0378	-0.0111 0.0140	-0.0104 0.0120	1.9730 1.8571	1.8413 1.5872
128	4	6 7 8	0.904 -0.0094 0.0080	-0.83 -0.0015 0.0040	-0.0031 0.0040	-0.8161 0.5410	1.6788 2.5379	-0.0180 0.0258	-0.0071 0.0093	-0.0064 0.0082	1.9985 1.8062	1.7863 1.6027
128	5	6 7 8	0.904 -0.0091 0.0076	-0.41 -0.0014 0.0038	-0.0030 0.0036	-0.7641 0.5105	1.6358 2.3703	-0.0059 0.0135	-0.0023 0.0044	-0.0021 0.0042	1.9867 1.6272	1.8074 1.5841
128	6	6 7 8	0.903 -0.0097 0.0076	0.05 -0.0015 0.0038	-0.0030 0.0037	-0.7836 0.5119	1.5435 2.4726	0.0053 0.0019	0.0013 0.0000	0.0016 0.0007	1.2607 0.2607	1.5863 1.9383
128	7	6 7 8	0.903 -0.0093 0.0079	0.59 -0.0015 0.0038	-0.0032 0.0040	-0.8183 0.4031	1.7579 2.5617	0.0187 -0.0108	0.0064 -0.0042	0.0062 -0.0033	1.7042 1.9734	1.6648 1.5533

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key										
128	9	C	0.903	1.56	-0.0029	-0.0039	-0.0000	1.5112	0.0444	0.0165	0.0144	1.8629	1.6302
			-0.0099	-0.0016	0.0039	2.3175	2.3025	-0.0364	-0.0145	-0.0121	1.9998	1.6739	
			0.0084	0.0039									
128	10	C	0.903	5.62	-0.0025	-0.0034	-0.0000	1.3919	0.0990	0.0372	0.0327	1.8807	1.6321
			-0.0091	-0.0013	0.0030	2.1690	2.4508	-0.0875	-0.0345	-0.0300	1.9727	1.7170	
			0.0070	0.0030									
129	1	C	0.703	-4.44	-0.0017	-0.0030	-0.0000	1.6480	-0.1046	-0.0371	-0.0352	1.7760	1.6819
			-0.0053	-0.0001	0.0030	2.7083	3.8904	0.1123	0.0394	0.0375	1.7581	1.6699	
			0.0039	0.0021									
129	2	C	0.703	-2.42	-0.0026	-0.0035	-0.0000	1.4673	-0.0550	-0.0201	-0.0191	1.8274	1.7388
			-0.0089	-0.0014	0.0023	2.7394	4.1579	0.0586	0.0205	0.0197	1.7487	1.6884	
			0.0042	0.0023									
129	3	C	0.704	-1.54	-0.0019	-0.0032	-0.0000	1.4643	-0.0323	-0.0118	-0.0106	1.8240	1.6436
			-0.0066	-0.0007	0.0024	2.7537	3.6220	0.0383	0.0131	0.0128	1.7142	1.6786	
			0.0045	0.0024									
129	4	C	0.704	-1.08	-0.0026	-0.0034	-0.0000	1.5189	-0.0215	-0.0076	-0.0070	1.7785	1.6418
			-0.0085	-0.0012	0.0030	2.5599	2.9509	0.0278	0.0092	0.0092	1.6569	1.6564	
			0.0059	0.0030									
129	5	C	0.703	-0.52	-0.0026	-0.0034	-0.0000	1.2442	-0.0084	-0.0030	-0.0024	1.7880	1.4339
			-0.0104	-0.0018	0.0028	2.7886	3.4158	0.0157	0.0049	0.0051	1.5737	1.6334	
			0.0051	0.0028									
129	6	C	0.704	-0.08	-0.0017	-0.0030	-0.0000	1.0132	0.0014	-0.0000	0.0008	-0.0815	3.0672
			-0.0085	-0.0012	0.0024	3.5437	4.3251	0.0046	0.0006	0.0017	0.7233	1.8459	
			0.0035	0.0024									
129	7	C	0.703	0.42	-0.0017	-0.0032	-0.0000	1.0504	0.0151	0.0049	0.0055	1.6445	1.8222
			-0.0082	-0.0010	0.0023	3.1104	4.4077	-0.0096	-0.0037	-0.0025	1.9321	1.5167	
			0.0037	0.0023									
129	8	C	0.703	1.50	-0.0023	-0.0032	-0.0000	1.2746	0.0376	0.0132	0.0137	1.7554	1.8200
			-0.0093	-0.0014	0.0021	3.1189	4.8007	-0.0310	-0.0118	-0.0104	1.9104	1.6795	
			0.0033	0.0021									
129	9	C	0.705	5.44	-0.0027	-0.0038	-0.0000	1.1409	0.0902	0.0319	0.0305	1.7719	1.6925
			-0.0122	-0.0023	0.0028	2.3278	3.2297	-0.0765	-0.0286	-0.0264	1.8718	1.7285	
			0.0060	0.0028									

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
130	1	6	0.703	-4.48	-0.0026	-0.0000	1.3467	-0.1137	-0.0397	-0.0384	1.7467	1.6902
		7	-0.0097	-0.0016	-0.0043	0.8488	2.8100	0.1199	0.0411	0.0404	1.7143	1.6851
		8	0.0077	0.0035	0.0043	2.2854						
130	2	6	0.703	-2.45	-0.0026	-0.0000	1.2093	-0.0576	-0.0202	-0.0191	1.7520	1.6553
		7	-0.0108	-0.0020	-0.0041	0.8286	3.8627	0.0630	0.0213	0.0210	1.6934	1.6708
		8	0.0053	0.0030	0.0041	2.8126						
130	3	6	0.703	-1.44	-0.0023	-0.0000	1.0782	-0.0321	-0.0110	-0.0099	1.7197	1.5505
		7	-0.0110	-0.0021	-0.0039	0.9828	3.8670	0.0389	0.0125	0.0130	1.6159	1.6805
		8	0.0050	0.0028	0.0039	2.7964						
130	4	6	0.703	-1.08	-0.0021	-0.0000	1.0884	-0.0193	-0.0065	-0.0059	1.7065	1.5475
		7	-0.0099	-0.0018	-0.0037	0.9083	3.6407	0.0263	0.0083	0.0087	1.5790	1.6686
		8	0.0050	0.0028	0.0037	2.7925						
130	5	6	0.702	-0.50	-0.0010	-0.0000	0.7244	-0.0088	-0.0029	-0.0021	1.6841	1.2307
		7	-0.0073	-0.0008	-0.0032	0.5890	4.9325	0.0148	0.0041	0.0046	1.4046	1.5650
		8	0.0032	0.0026	0.0032	4.0481						
130	6	6	0.703	-0.07	-0.0023	-0.0000	0.9419	0.0001	-0.0001	0.0008	-6.2333	28.7646
		7	-0.0124	-0.0024	-0.0036	0.9989	4.5330	0.0044	0.0003	0.0012	0.3423	1.4075
		8	0.0040	0.0028	0.0036	3.4886						
130	7	6	0.702	0.41	-0.0017	-0.0000	0.8283	0.0158	0.0050	0.0054	1.7214	1.7192
		7	-0.0102	-0.0017	-0.0032	0.8573	3.7873	-0.0094	-0.0042	-0.0027	2.2407	1.4449
		8	0.0042	0.0026	0.0032	3.0970						
130	8	6	0.702	1.52	-0.0025	-0.0000	1.0278	0.0376	0.0130	0.0137	1.7322	1.8259
		7	-0.0124	-0.0020	-0.0032	1.0011	4.8007	-0.0333	-0.0127	-0.0111	1.9121	1.6684
		8	0.0033	0.0020	0.0032	3.1189						
130	9	6	0.703	-3.47	-0.0019	-0.0000	0.9326	0.0952	0.0331	0.0325	1.7425	1.7118
		7	-0.0102	-0.0017	-0.0034	0.8601	3.4889	-0.0839	-0.0309	-0.0286	1.8431	1.7085
		8	0.0049	0.0024	0.0034	2.4771						
131	1	6	0.704	-4.53	-0.0030	-0.0000	1.5099	-0.1199	-0.0406	-0.0398	1.6946	1.6603
		7	-0.0099	-0.0012	-0.0036	0.6370	1.5313	0.1238	0.0418	0.0419	1.6901	1.6922
		8	0.0119	0.0036	0.0036	1.5305						
131	2	6	0.703	-2.58	-0.0030	-0.0000	1.4246	-0.0639	-0.0220	-0.0206	1.7267	1.6129
		7	-0.0105	-0.0016	-0.0034	0.7711	1.3501	0.0673	0.0226	0.0227	1.6821	1.6864
		8	0.0128	0.0038	0.0034	1.5044						

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
131	3	6 7 8	0.703 -0.0091 0.0133	-1.58 -0.0010 0.0042	-0.0027 0.0036	-0.0000 0.5932 1.5721	1.5230 1.3716 0.0421	-0.0362 -0.0128 0.0138	-0.0120 0.0139	1.6741 1.6366	1.5690 1.6536						
131	4	6 7 8	0.704 -0.0097 0.0135	-1.02 -0.0014 0.0043	-0.0027 0.0040	-0.0000 0.7408 1.6039	1.4299 1.5025 0.0261	-0.0231 -0.0075 0.0083	-0.0067 0.0094	1.6226 1.5945	1.4570 1.6138						
131	5	6 7 8	0.704 -0.0109 0.0119	-0.49 -0.0015 0.0036	-0.0025 0.0032	-0.0000 0.7291 1.5305	1.1673 1.3478 0.0123	-0.0104 -0.0033 0.0032	-0.0021 0.0046	1.5957 1.3250	1.0456 1.6794						
131	6	6 7 8	0.703 -0.0095 0.0087	-0.06 -0.0010 0.0026	-0.0021 0.0027	-0.0000 0.5502 1.4924	1.1127 1.6021 -0.0006	0.0011 0.0007 -0.0012	0.0013 0.0006	3.1250 10.2161	5.7009 -5.0818						
131	7	6 7 8	0.704 -0.0098 0.0114	0.41 -0.0012 0.0036	-0.0021 0.0034	-0.0000 0.6242 1.5982	1.0792 1.5011 -0.0117	0.0139 0.0049 -0.0047	0.0056 -0.0027	1.7646 2.0147	2.0273 1.1508						
131	8	6 7 8	0.703 -0.0113 0.0123	1.46 -0.0019 0.0041	-0.0029 0.0038	-0.0000 0.6513 1.5721	1.2916 1.4538 -0.0391	0.0149 -0.0141	0.0152 -0.0119	1.7500 1.8077	1.7836 1.5277						
131	9	6 7 8	0.704 -0.0098 0.0116	3.58 -0.0012 0.0034	-0.0023 0.0036	-0.0000 0.6274 1.4924	1.1673 1.5707 -0.0948	0.0348 -0.0336	0.0350 -0.0312	1.7251 1.7713	1.7371 1.6476						
131	10	6 7 8	0.703 -0.0095 0.0111	-0.52 -0.0010 0.0034	-0.0021 0.0032	-0.0000 0.5502 1.5602	1.1127 1.4432 0.0118	-0.0026 0.0032	-0.0015 0.0046	1.5840 1.3816	0.9202 1.9581						
132	4	6 7 8	0.402 -0.0037 0.0150	-4.67 0.0008 0.0051	-0.0040 0.0045	-0.0000 -1.1562 1.7077	5.3394 1.5267 0.1261	-0.0396 0.0427	-0.0400 0.0432	1.6710 1.6962	1.6881 1.7160						
132	5	6 7 8	0.402 -0.0008 0.0126	-2.61 0.0018 0.0036	-0.0028 0.0034	-0.0000 -1.9848 1.4607	17.0674 1.3540 0.0601	-0.0519 -0.0181 0.0212	-0.0212 0.0212	1.7483 1.7717	1.6697 1.7674						
132	6	6 7 8	0.402 0.0041 0.0154	-1.70 0.0032 0.0046	-0.0017 0.0039	-0.0000 3.9524 1.4925	-2.0826 1.2887 0.0378	-0.0106 0.0133	-0.0098 0.0139	1.7493 1.7701	1.6050 1.6446						

TABLE II
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
132	7	6	0.403 0.0028 0.0156	-1.232 0.0046 0.0046	-0.0017 0.0028 0.0028	-0.9403 0.4926 0.4926	-2.9992 0.9163 0.9163	-0.0177 0.0263 0.0263	-0.0060 0.0087 0.0087	-0.0063 0.0089 0.0089	1.7063 1.6681 1.6681	1.7954 1.6987 1.6987
132	8	6	0.405 0.0040 0.0182	-0.66 0.0014 0.0055	-0.0022 0.0039 0.0039	-0.9403 1.5144 1.5144	2.7462 1.0861 1.0861	-0.0124 0.0140 0.0140	-0.0036 0.0045 0.0045	-0.0034 0.0060 0.0060	1.4659 1.6241 1.6241	1.3766 2.1766 2.1766
132	9	6	0.404 0.0048 0.0112	-0.26 0.0009 0.0036	-0.0022 0.0033 0.0033	-0.9403 1.6343 1.6343	2.3074 1.5095 1.5095	-0.0016 0.0004 0.0004	-0.0009 -0.0005 -0.0005	0.0011 0.0022 0.0022	2.9259 -6.3397 -6.3397	-3.5473 26.7763 26.7763
132	10	6	0.404 0.0049 0.0149	0.27 0.0009 0.0050	-0.0028 0.0033 0.0033	-0.9403 1.7066 1.7066	2.8716 1.1390 1.1390	0.0104 -0.0093 -0.0093	0.0032 -0.0032 -0.0032	0.0040 -0.0005 -0.0005	1.5419 1.7516 1.7516	1.9195 0.2809 0.2809
132	11	6	0.404 0.0056 0.0133	1.20 0.0004 0.0041	-0.0028 0.0028 0.0028	-0.9403 1.5522 1.5522	2.4780 1.0586 1.0586	0.0360 -0.0333 -0.0333	0.0125 -0.0115 -0.0115	0.0126 -0.0088 -0.0088	1.7338 1.7276 1.7276	1.7491 1.5238 1.5238
132	12	6	0.404 0.0027 0.0105	3.35 0.0014 0.0032	-0.0011 0.0022 0.0022	-0.9403 1.5304 1.5304	2.0177 1.0745 1.0745	0.0926 -0.0842 -0.0842	0.0319 -0.0298 -0.0298	0.0315 -0.0276 -0.0276	1.7251 1.7698 1.7698	1.7028 1.6400 1.6400
132	13	6	0.404 0.0012 0.0128	-0.69 0.0023 0.0046	-0.0022 0.0028 0.0028	-0.9403 1.8028 1.8028	8.8040 1.0998 1.0998	-0.0060 0.0133 0.0133	-0.0013 0.0041 0.0041	-0.0023 0.0050 0.0050	1.1102 1.5441 1.5441	1.8898 1.8778 1.8778
133	1	6	0.401 0.0067 0.0094	-4.70 0.0009 0.0026	-0.0022 0.0073 0.0073	-0.9403 1.4067 1.4067	1.6738 3.9162 3.9162	-0.0678 0.0845 0.0845	-0.0294 0.0314 0.0314	-0.0218 0.0278 0.0278	2.1717 1.8585 1.8585	1.6103 1.6448 1.6448
133	2	6	0.402 0.0074 0.0078	-2.75 0.0014 0.0000	-0.0027 0.0016 0.0016	-0.9403 0.9607 0.9607	1.8705 -1.0580 -1.0580	-0.0373 0.0430 0.0430	-0.0142 0.0159 0.0159	-0.0119 0.0142 0.0142	1.9001 1.8509 1.8509	1.5915 1.6555 1.6555
133	3	6	0.404 0.0047 0.0022	-1.73 0.0005 0.0019	0.0022 0.0022 0.0022	-0.9403 4.2549 4.2549	2.4082 -5.0642 -5.0642	-0.0172 0.0279 0.0279	-0.0065 0.0097 0.0097	-0.0057 0.0083 0.0083	1.8967 1.7450 1.7450	1.6756 1.5008 1.5008
133	4	6	0.403 0.0018 0.0017	-1.19 0.0004 0.0014	-0.0017 0.0022 0.0022	-0.9403 1.1939 1.1939	4.6117 -6.5989 -6.5989	-0.0087 0.0177 0.0177	-0.0037 0.0059 0.0059	-0.0028 0.0061 0.0061	2.1413 1.6878 1.6878	1.6464 1.7269 1.7269

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	See Key									
133	5	0.404 -0.0017 -0.0037	-0.73 0.0004 0.0009	-0.0011 0.0016 0.0022	-0.00 -1.2712 -1.2582	3.1191 -2.2386	-0.0019 0.0101	-0.0004 0.0022	-0.0016 0.0032	1.1284 1.0979	4.3499 1.6228
133	6	0.404 -0.0094 0.0011	-0.27 0.0018 0.0022	-0.0022 0.0027	-0.00 0.9853 10.3409	1.1763 12.5104	0.0009 0.0017	-0.0009 -0.0005	0.0005 0.0010	-5.1511 -1.4478	3.0043 3.1389
133	7	0.403 -0.0057 -0.0016	0.14 0.0004 0.0013	0.0000 0.0022	-0.00 0.3486 -4.1176	-0.0167 -6.5989	0.0118 -0.0101	0.0041 -0.0046	0.0045 -0.0016	1.7357 2.2633	1.9103 0.7983
133	8	0.404 -0.0059 -0.0029	1.37 0.0004 0.0014	-0.0016 0.0016	-0.00 0.3954 -2.3959	1.4233 -2.8340	0.0295 -0.0253	0.0117 -0.0106	0.0115 -0.0063	1.9772 2.1000	1.9478 1.6398
133	9	0.404 -0.0114 -0.0009	3.32 0.0023 0.0018	-0.0022 0.0016	-0.00 1.0013 -10.3151	0.7234 -12.3346	0.0622 -0.0594	0.0245 -0.0243	0.0205 -0.0160	1.9715 2.0456	1.6492 1.5229
134	1	0.404 -0.0031 -0.0023	-4.68 0.0004 0.0019	-0.0011 0.0034	-0.00 -0.7747 -4.0514	1.8293 -7.3392	-0.1021 0.1123	-0.0355 0.0372	-0.0341 0.0376	1.7412 1.6565	1.6722 1.6735
134	2	0.402 -0.0061 -0.0015	-2.68 0.0004 0.0024	-0.0017 0.0035	-0.00 0.3954 -7.7656	1.4233 -11.1986	-0.0487 0.0609	-0.0175 0.0195	-0.0161 0.0208	1.7822 1.6080	1.6511 1.7100
134	3	0.402 -0.0061 -0.0067	-1.72 0.0004 0.0009	-0.0017 0.0029	-0.00 0.3954 -0.7262	1.4233 -2.1761	-0.0279 0.0373	-0.0096 0.0119	-0.0095 0.0127	1.7246 1.5963	1.7144 1.7017
134	4	0.402 -0.0032 -0.0045	-1.22 0.0004 0.0014	-0.0017 0.0029	-0.00 0.7334 -1.6136	2.7272 -3.2244	-0.0169 0.0273	-0.0062 0.0075	-0.0059 0.0097	1.6434 1.5792	1.7566 1.7890
134	5	0.404 -0.0110 -0.0066	-0.69 0.0018 0.0009	-0.0017 0.0028	-0.00 0.8558 -0.7262	0.7761 -2.1761	-0.0062 0.0130	-0.0013 0.0022	-0.0011 0.0051	1.1032 0.6610	0.9365 1.9543
134	6	0.403 -0.0081 -0.0015	-0.22 0.0009 0.0024	-0.0011 0.0028	-0.00 0.5683 -8.0223	0.7008 -9.5839	0.0041 0.0039	0.0009 -0.0000	0.0017 0.0017	1.1137 -0.0779	2.1193 2.1763

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key																
134	7	6	0.404	-0.0009	-0.0023	-0.0028	-0.0014	0.0014	0.0024	-0.0009	-0.0023	-0.0028	-0.0014	0.0014	0.0024	-0.0009	-0.0023	-0.0028	-0.0014
		6	-0.0081	0.0009	0.0023	0.0028	0.0014	0.0014	0.0024	0.0009	0.0023	0.0028	0.0014	0.0014	0.0024	0.0009	0.0023	0.0028	0.0014
134	8	6	0.405	-0.0004	-0.0011	-0.0028	-0.0009	0.0014	0.0014	0.0009	-0.0011	-0.0028	-0.0009	0.0014	0.0014	0.0009	-0.0011	-0.0028	-0.0009
		6	-0.0072	0.0004	0.0011	0.0028	0.0009	0.0014	0.0014	0.0009	0.0011	0.0028	0.0009	0.0014	0.0014	0.0009	0.0011	0.0028	0.0009
134	9	6	0.403	-0.0023	-0.0022	-0.0028	-0.0014	0.0014	0.0024	-0.0023	-0.0022	-0.0028	-0.0014	0.0014	0.0024	-0.0023	-0.0022	-0.0028	-0.0014
		6	-0.0131	0.0023	0.0022	0.0028	0.0014	0.0014	0.0024	0.0023	0.0022	0.0028	0.0014	0.0014	0.0024	0.0023	0.0022	0.0028	0.0014
136	4	6	1.255	-0.0004	-0.0025	-0.0155	-0.0018	0.0014	0.0014	-0.0004	-0.0025	-0.0155	-0.0018	0.0014	0.0014	-0.0004	-0.0025	-0.0155	-0.0018
		6	-0.0062	0.0004	0.0025	0.0155	0.0018	0.0014	0.0014	0.0004	0.0025	0.0155	0.0018	0.0014	0.0014	0.0004	0.0025	0.0155	0.0018
136	5	6	1.255	-0.0009	-0.0019	-0.0052	-0.0027	0.0014	0.0014	-0.0009	-0.0019	-0.0052	-0.0027	0.0014	0.0014	-0.0009	-0.0019	-0.0052	-0.0027
		6	-0.0050	0.0009	0.0019	0.0052	0.0027	0.0014	0.0014	0.0009	0.0019	0.0052	0.0027	0.0014	0.0014	0.0009	0.0019	0.0052	0.0027
136	6	6	1.255	-0.0012	-0.0021	-0.0045	-0.0012	0.0014	0.0014	-0.0012	-0.0021	-0.0045	-0.0012	0.0014	0.0014	-0.0012	-0.0021	-0.0045	-0.0012
		6	-0.0065	0.0012	0.0021	0.0045	0.0012	0.0014	0.0014	0.0012	0.0021	0.0045	0.0012	0.0014	0.0014	0.0012	0.0021	0.0045	0.0012
136	7	6	1.254	-0.0012	-0.0032	-0.0035	-0.0012	0.0014	0.0014	-0.0012	-0.0032	-0.0035	-0.0012	0.0014	0.0014	-0.0012	-0.0032	-0.0035	-0.0012
		6	-0.0025	0.0012	0.0032	0.0035	0.0012	0.0014	0.0014	0.0012	0.0032	0.0035	0.0012	0.0014	0.0014	0.0012	0.0032	0.0035	0.0012
136	8	6	1.255	-0.0016	-0.0006	-0.0015	-0.0016	0.0014	0.0014	-0.0016	-0.0006	-0.0015	-0.0016	0.0014	0.0014	-0.0016	-0.0006	-0.0015	-0.0016
		6	-0.0033	0.0016	0.0006	0.0015	0.0016	0.0014	0.0014	0.0016	0.0006	0.0015	0.0016	0.0014	0.0014	0.0016	0.0006	0.0015	0.0016
136	9	6	1.254	-0.0017	-0.0005	-0.0008	-0.0017	0.0014	0.0014	-0.0017	-0.0005	-0.0008	-0.0017	0.0014	0.0014	-0.0017	-0.0005	-0.0008	-0.0017
		6	-0.0026	0.0017	0.0005	0.0008	0.0017	0.0014	0.0014	0.0017	0.0005	0.0008	0.0017	0.0014	0.0014	0.0017	0.0005	0.0008	0.0017
136	10	6	1.255	-0.0015	-0.0008	-0.0010	-0.0015	0.0014	0.0014	-0.0015	-0.0008	-0.0010	-0.0015	0.0014	0.0014	-0.0015	-0.0008	-0.0010	-0.0015
		6	-0.0043	0.0015	0.0008	0.0010	0.0015	0.0014	0.0014	0.0015	0.0008	0.0010	0.0015	0.0014	0.0014	0.0015	0.0008	0.0010	0.0015
136	11	6	1.255	-0.0016	-0.0007	-0.0021	-0.0016	0.0014	0.0014	-0.0016	-0.0007	-0.0021	-0.0016	0.0014	0.0014	-0.0016	-0.0007	-0.0021	-0.0016
		6	-0.0032	0.0016	0.0007	0.0021	0.0016	0.0014	0.0014	0.0016	0.0007	0.0021	0.0016	0.0014	0.0014	0.0016	0.0007	0.0021	0.0016

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
136	12	6 7 8	1.254 -0.0324 0.0056	3.84 -0.0036 0.0025	-0.0103 0.0022	0.5678 2.2361	1.5922 2.0487	0.0207 -0.0471	0.0361 -0.0387	0.0069 -0.0173	8.7202 4.1043	1.6841 1.6385
137	1	6 7 8	1.255 -0.0025 0.0299	-4.19 0.0013 -0.0017	-0.0022 0.0103	-0.00 -2.6792 -0.2842	4.3654 1.7341	-0.0699 0.1084	-0.0533 0.0492	-0.0261 0.0367	3.6134 2.2737	1.8717 1.6951
137	2	6 7 8	1.255 -0.0027 -0.0051	-2.15 0.0013 0.0037	-0.0022 0.0009	-0.00 -2.4464 -3.6334	3.9756 0.8842	-0.0498 0.0521	-0.0277 0.0283	-0.0179 0.0170	2.7864 2.7237	1.7989 1.6371
137	3	6 7 8	1.253 -0.0036 -0.0010	-1.09 0.0009 0.0030	-0.0023 0.0007	-0.00 -1.3609 -14.4284	3.1845 -3.5363	-0.0262 0.0313	-0.0167 0.0154	-0.0095 0.0101	3.1956 2.4666	1.8105 1.6277
137	4	6 7 8	1.253 -0.0034 0.0008	-0.64 0.0010 0.0025	-0.0020 0.0014	-0.00 -1.5690 14.4739	3.0153 7.9744	-0.0160 0.0202	-0.0116 0.0095	-0.0059 0.0067	3.6239 2.3480	1.8424 1.6572
137	5	6 7 8	1.254 -0.0041 0.0015	-0.22 0.0009 0.0023	-0.0021 0.0016	-0.00 -1.2124 7.5294	2.6711 5.1946	-0.0054 0.0106	-0.0062 0.0045	-0.0023 0.0034	5.7439 2.1634	2.1527 1.6258
137	6	6 7 8	1.254 -0.0039 0.0045	-0.28 0.0001 0.0028	-0.0017 0.0019	-0.00 0.1391 3.0617	2.2323 2.1480	0.0069 -0.0014	-0.0011 -0.0017	0.0013 -0.0004	-0.8211 -4.5908	0.9665 1.4355
137	7	6 7 8	1.254 -0.0013 0.0055	-0.80 0.0013 0.0027	-0.0004 0.0018	-0.00 5.3297 2.5007	1.6887 1.6617	0.0208 -0.0148	0.0054 -0.0076	0.0059 -0.0048	1.3180 2.5762	1.4407 1.6224
137	8	6 7 8	1.253 0.0014 0.0052	-1.74 -0.0013 0.0028	0.0002 0.0017	-0.00 -4.9296 2.7580	0.7199 1.6653	0.0427 -0.0346	0.0167 -0.0183	0.0131 -0.0116	1.9545 2.6460	1.5406 1.6738
137	9	6 7 8	1.255 -0.0059 0.0073	3.78 0.0009 0.0029	-0.0024 0.0023	0.00 -0.7619 2.0061	2.1006 1.6342	0.0817 -0.0937	0.0422 -0.0385	0.0268 -0.0319	2.5350 2.0588	1.6445 1.7049
138	1	6 7 8	1.253 0.0001 0.0112	-4.20 0.0020 0.0027	-0.0022 0.0029	-0.00 62.7658 1.2055	70.5911 -70.5911	-0.1314 0.1316	-0.0450 0.0423	-0.0454 0.0462	1.7123 1.6088	1.7281 1.7543

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
138	2	6	1.254 0.0001 0.0096	-0.0022 0.0021 0.0021	83.3371 2.0042 0.0000	-0.0641 0.0632 0.0632	-0.0266 0.0231 0.0231	-0.0218 0.0226 0.0226	2.0808 1.8294 1.8294	1.7031 1.7896 1.7896		
138	3	6	1.254 0.0007 0.0098	-0.0019 0.0022 0.0022	12.7973 1.9357 0.0000	-0.0367 0.0360 0.0360	-0.0179 0.0141 0.0141	-0.0122 0.0133 0.0133	2.4390 1.9611 1.9611	1.6600 1.8505 1.8505		
138	4	6	1.255 0.0001 0.0090	-0.0021 0.0017 0.0034	58.7107 1.9163 0.0000	-0.0199 0.0178 0.0178	-0.0113 0.0076 0.0076	-0.0066 0.0075 0.0075	2.0516 2.1246 2.1246	1.6648 2.1020 2.1020		
138	5	6	1.255 0.0000 0.0090	-0.0021 0.0017 0.0034	276.6567 1.9163 0.0000	-0.0080 0.0045 0.0045	-0.0069 0.0024 0.0024	-0.0028 0.0031 0.0031	4.2985 2.7054 2.7054	1.7462 3.5138 3.5138		
138	6	6	1.254 -0.0019 0.0097	0.0019 0.0040 0.0040	-0.0000 -5.0421 2.0746	-0.0076 0.0092 0.0092	-0.0012 -0.0022 -0.0022	-0.0020 -0.0012 -0.0012	-0.8287 1.2364 1.2364	1.3386 0.7036 0.7036		
138	7	6	1.255 -0.0001 0.0078	0.0026 0.0030 0.0030	-0.0000 4.3351 1.9350	-0.0188 0.0076 0.0076	-0.0029 -0.0068 -0.0068	-0.0058 -0.0053 -0.0053	0.7932 1.5806 1.5806	1.5484 1.2378 1.2378		
138	8	6	1.253 -0.0005 0.0093	0.0025 0.0031 0.0031	-0.0000 2.8303 1.6801	-0.0294 0.0502 0.0502	-0.0147 -0.0187 -0.0187	-0.0162 -0.0158 -0.0158	1.4663 1.7629 1.7629	1.6138 1.4872 1.4872		
138	9	6	1.254 -0.0008 0.0093	0.0028 0.0033 0.0033	-0.0000 -16.6678 1.7722	-0.0149 0.0339 0.0339	-0.0339 -0.0361 -0.0361	-0.0388 -0.0373 -0.0373	1.4783 1.6014 1.6014	1.6903 1.6554 1.6554		
138	10	6	1.253 0.0001 0.0098	-0.0027 0.0034 0.0034	95.4718 1.7645 0.0000	-0.0085 0.0077 0.0077	-0.0069 0.0037 0.0037	-0.0030 0.0041 0.0041	4.0459 2.4315 2.4315	1.7782 2.7777 2.7777		
139	1	6	1.205 0.0034 0.0135	-4.015 0.0019 0.0045	-0.0000 2.7803 1.6825	-0.1536 0.1203 0.1282	-0.0437 -0.0434 -0.0434	-0.0417 0.0448 0.0448	1.8172 1.6948 1.6948	1.7363 1.7474 1.7474		
139	2	6	1.204 0.0024 0.0141	-2.018 0.0014 0.0060	-0.0000 2.9995 2.1328	-0.8032 0.0598 0.0646	-0.0251 -0.0241 -0.0241	-0.0203 0.0231 0.0231	2.0996 1.8646 1.8646	1.7009 1.7863 1.7863		

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
139	3	6 7 6	1.205 0.0034 0.0139	-1.18 0.0020 0.0060	-0.0015 0.0034 0.0034	-0.0053 3.0053 2.1729	-2.2143 1.2354 1.2354	-0.0300 0.0344 0.0344	-0.0140 0.0131 0.0131	-0.0102 0.0129 0.0129	2.3272 1.9065 1.9065	1.7084 1.6740 1.6740
139	4	6 7 6	1.204 0.0027 0.0127	-0.62 0.0016 0.0061	-0.0019 0.0031 0.0031	-0.0003 3.0003 2.4029	-3.5843 1.2249 1.2249	-0.0166 0.0183 0.0183	-0.0085 0.0069 0.0069	-0.0069 0.0079 0.0079	2.5660 1.6900 1.6900	1.6324 1.641 1.641
139	5	6 7 6	1.204 0.0027 0.0128	-0.25 0.0016 0.0060	-0.0017 0.0028 0.0028	-0.0019 3.0019 2.3435	-3.1494 1.1235 1.1235	-0.0077 0.0081 0.0081	-0.0047 0.0026 0.0026	-0.0028 0.0044 0.0044	3.0493 1.6485 1.6485	1.6146 1.7181 1.7181
139	6	6 7 6	1.204 0.0017 0.0136	0.26 0.0016 0.0066	-0.0020 0.0034 0.0034	-0.0003 4.0003 2.4478	-6.0718 1.2673 1.2673	0.0063 0.0059 0.0059	0.0012 0.0025 0.0025	0.0019 0.0000 0.0000	1.0137 2.1998 2.1998	1.5708 1.0183 1.0183
139	7	6 7 6	1.204 0.0018 0.0136	0.71 0.0015 0.0066	-0.0018 0.0032 0.0032	-0.0003 4.0003 2.4467	-5.0710 1.1812 1.1812	0.0195 0.0175 0.0175	0.0067 0.0075 0.0075	0.0062 0.0041 0.0041	1.7214 2.1602 2.1602	1.5915 1.1639 1.1639
139	8	6 7 6	1.204 0.0011 0.0142	1.86 0.0016 0.0073	-0.0022 0.0034 0.0034	-0.0003 6.0003 2.5854	-9.1982 1.2138 1.2138	0.0537 0.0511 0.0511	0.0203 0.0212 0.0212	0.0173 0.0150 0.0150	1.8891 2.0743 2.0743	1.6117 1.4752 1.4752
139	9	6 7 6	1.204 0.0022 0.0118	3.82 0.0024 0.0063	-0.0019 0.0028 0.0028	-0.0003 5.0003 2.6998	-4.4283 1.2121 1.2121	0.1158 0.1103 0.1103	0.0396 0.0399 0.0399	0.0387 0.0359 0.0359	1.7115 1.6105 1.6105	1.6709 1.6276 1.6276
139	10	6 7 6	1.204 0.0023 0.0118	3.81 0.0023 0.0062	-0.0018 0.0027 0.0027	-0.0003 5.0003 2.6288	-3.9415 1.1684 1.1684	0.1137 0.1077 0.1077	0.0393 0.0393 0.0393	0.0376 0.0347 0.0347	1.7282 1.6253 1.6253	1.6564 1.6096 1.6096
139	11	6 7 6	1.206 0.0028 0.0155	-0.25 0.0015 0.0068	-0.0018 0.0039 0.0039	-0.0003 2.0003 2.2061	-3.2519 1.2632 1.2632	-0.0040 0.0081 0.0081	-0.0032 0.0024 0.0024	-0.0016 0.0043 0.0043	4.0398 1.5394 1.5394	2.0055 2.6640 2.6640
140	1	6 7 6	1.202 -0.0058 0.0312	-4.17 -0.0003 0.0141	-0.0030 0.0110 0.0110	-0.0003 2.0003 2.2624	2.5859 1.7614 1.7614	0.0307 0.0017 0.0017	-0.0167 0.0265 0.0265	0.0062 0.0012 0.0012	-2.7221 73.7811 73.7811	1.0107 1.5693 1.5693
140	2	6 7 6	1.205 -0.0013 0.0009	-2.33 -0.0010 0.0030	-0.0009 0.0006 0.0006	-0.0003 3.0003 15.9978	3.3571 3.6115 3.6115	0.0234 0.0142 0.0142	-0.0162 0.0152 0.0152	0.0045 0.0039 0.0039	-3.4560 -5.3494 -5.3494	0.9620 1.3964 1.3964

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
140	3	6	1.205	-1.129	-0.0002	-26.4223	-4.9634	0.0061	-0.0115	-0.0003	-9.4359	-0.2761
		7	0.0002	-0.0012	-0.0064	-0.1947	1.3849	-0.0111	0.0119	-0.0044	-3.5480	1.5531
		8	-0.0231	0.0009	-0.0064	-0.1947	1.3849	-0.0111	0.0119	-0.0044	-3.5480	1.5531
140	4	6	1.204	-0.0006	-0.0000	-0.0356	-0.0400	0.0018	-0.0068	-0.0012	-18.9330	-3.1619
		7	0.0017	0.0032	-0.0047	-0.9345	1.3802	-0.0010	0.0075	-0.0006	-36.1538	-3.1269
		8	-0.0174	0.0032	-0.0047	-0.9345	1.3802	-0.0010	0.0075	-0.0006	-36.1538	-3.1269
140	5	6	1.204	-0.0005	-0.0007	-0.0000	4.0670	0.0031	-0.0020	-0.0004	-3.3545	-0.7340
		7	0.0009	0.0039	-0.0029	-1.7187	1.3097	-0.0028	0.0033	-0.0003	-6.0406	1.5789
		8	-0.0114	0.0039	-0.0029	-1.7187	1.3097	-0.0028	0.0033	-0.0003	-6.0406	1.5789
140	6	6	1.204	-0.0002	-0.0000	-0.0000	-0.0000	0.0079	0.0022	0.0012	1.4431	0.7941
		7	0.0002	0.0043	0.0000	-10.7410	-0.2298	-0.0051	-0.0001	-0.0019	0.1063	1.9408
		8	-0.0020	0.0043	0.0000	-10.7410	-0.2298	-0.0051	-0.0001	-0.0019	0.1063	1.9408
140	7	6	1.204	-0.0002	-0.0005	-0.0000	-0.0000	0.0050	0.0073	0.0008	6.3492	0.4881
		7	0.0004	0.0052	0.0012	15.7705	3.6146	-0.0001	-0.0040	-0.0003	0.0461	0.4161
		8	0.0016	0.0052	0.0012	15.7705	3.6146	-0.0001	-0.0040	-0.0003	0.0461	0.4161
140	8	6	1.204	-0.0018	-0.0059	-0.0000	-0.0000	0.0047	0.0157	-0.0023	-16.5409	2.4357
		7	0.0162	0.0018	-0.0034	3.3780	1.8358	-0.0004	-0.0144	-0.0010	15.0836	1.3587
		8	0.0074	0.0050	-0.0034	3.3780	1.8358	-0.0004	-0.0144	-0.0010	15.0836	1.3587
140	9	6	1.205	-0.0044	-0.0051	1.7058	1.9576	-0.0120	0.0230	-0.0042	-9.5558	1.7457
		7	0.0131	0.0060	0.0029	4.4176	2.1590	0.0110	-0.0232	0.0012	-10.5460	0.5738
		8	0.0068	0.0060	0.0029	4.4176	2.1590	0.0110	-0.0232	0.0012	-10.5460	0.5738
141	2	6	1.204	-0.0018	-0.0017	-0.0000	1.3677	0.0057	-0.0303	-0.0005	-26.5794	-0.5114
		7	0.0065	0.0137	0.0161	1.4294	1.6771	0.0488	0.0413	0.0158	4.2264	1.5238
		8	0.0482	0.0137	0.0161	1.4294	1.6771	0.0488	0.0413	0.0158	4.2264	1.5238
141	3	6	1.205	-0.0014	-0.0008	-0.0000	0.7991	-0.0205	-0.0236	-0.0081	5.7406	1.9764
		7	0.0051	0.0026	-0.0046	-0.7667	1.3483	0.0132	0.0238	0.0039	9.0386	1.5019
		8	-0.0173	0.0026	-0.0046	-0.7667	1.3483	0.0132	0.0238	0.0039	9.0386	1.5019
141	4	6	1.203	-0.0027	-0.0007	-0.0000	0.5940	-0.0106	-0.0113	-0.0045	5.5954	2.1197
		7	0.0058	0.0036	-0.0040	-1.1214	1.2547	0.0064	0.0133	0.0015	10.3622	1.1693
		8	-0.0161	0.0036	-0.0040	-1.1214	1.2547	0.0064	0.0133	0.0015	10.3622	1.1693
141	5	6	1.203	-0.0029	-0.0003	-0.0000	0.3577	-0.0062	-0.0077	-0.0027	6.2023	2.1832
		7	0.0048	0.0038	-0.0036	-1.2686	1.2000	0.0073	0.0097	0.0011	6.6237	0.7835
		8	-0.0153	0.0038	-0.0036	-1.2686	1.2000	0.0073	0.0097	0.0011	6.6237	0.7835

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key →															
141	6	6	1.203	-0.0032	-0.0004	-0.0009	-0.0009	0.3834	0.0003	-0.0013	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
		7	-0.0059	-0.0042	-0.0009	-0.0009	-0.0009	0.7990	0.0040	0.0040	0.0040	0.0040	0.0040	0.0040	0.0040	0.0040	0.0040	0.0040
		8																
141	7	6	1.203	-0.0021	-0.0003	-0.0009	-0.0009	0.3237	0.0135	0.0027	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033	0.0033
		7	-0.0052	-0.0040	-0.0009	-0.0009	-0.0009	7.9813	-0.0043	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002	-0.0002
		8	0.0005															
141	8	6	1.204	-0.0023	-0.0009	-0.0009	-0.0009	0.6409	0.0174	0.0091	0.0047	0.0047	0.0047	0.0047	0.0047	0.0047	0.0047	0.0047
		7	-0.0070	-0.0043	-0.0017	-0.0017	-0.0017	3.3221	-0.0075	-0.0055	-0.0034	-0.0034	-0.0034	-0.0034	-0.0034	-0.0034	-0.0034	-0.0034
		8	0.0025															
141	9	6	1.204	-0.0026	-0.0009	-0.0009	-0.0009	0.7268	0.0256	0.0222	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078	0.0078
		7	-0.0062	-0.0049	-0.0026	-0.0026	-0.0026	2.4025	-0.0153	-0.0184	-0.0064	-0.0064	-0.0064	-0.0064	-0.0064	-0.0064	-0.0064	-0.0064
		8	0.0054															
141	10	6	1.205	-0.0042	-0.0025	-0.0025	-0.0025	1.4775	0.0193	0.0352	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070
		7	-0.0194	-0.0056	-0.0025	-0.0025	-0.0025	1.8063	-0.0188	-0.0343	-0.0086	-0.0086	-0.0086	-0.0086	-0.0086	-0.0086	-0.0086	-0.0086
		8	0.0071															
142	1	6	1.202	-0.0017	-0.0021	-0.0021	-0.0021	2.0050	-0.0467	-0.0493	-0.0179	-0.0179	-0.0179	-0.0179	-0.0179	-0.0179	-0.0179	-0.0179
		7	-0.0053	-0.0018	-0.0018	-0.0018	-0.0018	1.6803	0.1152	0.0485	0.0381	0.0381	0.0381	0.0381	0.0381	0.0381	0.0381	0.0381
		8	0.0466															
142	2	6	1.203	-0.0052	-0.0019	-0.0019	-0.0019	1.8304	-0.0398	-0.0258	-0.0141	-0.0141	-0.0141	-0.0141	-0.0141	-0.0141	-0.0141	-0.0141
		7	-0.0063	-0.0051	-0.0011	-0.0011	-0.0011	0.9207	0.0456	0.0283	0.0139	0.0139	0.0139	0.0139	0.0139	0.0139	0.0139	0.0139
		8																
142	3	6	1.204	-0.0053	-0.0018	-0.0018	-0.0018	1.6738	-0.0199	-0.0159	-0.0070	-0.0070	-0.0070	-0.0070	-0.0070	-0.0070	-0.0070	-0.0070
		7	-0.0019	-0.0050	-0.0003	-0.0003	-0.0003	-0.8007	0.0282	0.0175	0.0083	0.0083	0.0083	0.0083	0.0083	0.0083	0.0083	0.0083
		8																
142	4	6	1.204	-0.0056	-0.0014	-0.0014	-0.0014	1.4838	-0.0080	-0.0083	-0.0031	-0.0031	-0.0031	-0.0031	-0.0031	-0.0031	-0.0031	-0.0031
		7	-0.0056	-0.0053	-0.0014	-0.0014	-0.0014	5.1162	0.0181	0.0097	0.0054	0.0054	0.0054	0.0054	0.0054	0.0054	0.0054	0.0054
		8	0.0014															
142	5	6	1.204	-0.0057	-0.0014	-0.0014	-0.0014	0.9612	0.0012	-0.0029	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003
		7	-0.0057	-0.0014	-0.0014	-0.0014	-0.0014	3.2961	0.0087	0.0040	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021	0.0021
		8	0.0028															
142	6	6	1.204	-0.0056	-0.0018	-0.0018	-0.0018	1.1042	0.0116	0.0021	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032	0.0032
		7	-0.0085	-0.0027	-0.0027	-0.0027	-0.0027	2.4468	0.0020	-0.0006	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001
		8	0.0056															

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key																
142	7	6	1.204	-0.0034	0.77	-0.0022	-0.0003	-0.0023	-0.0000	3.2412	0.4818	0.0230	0.0096	0.0068	2.0948	1.4954	2.1377		
		8	-0.0058	0.0050	0.0050	0.0050	0.0023	0.0023	0.0023	3.2546	1.9761	-0.0079	-0.0084	-0.0033	5.3227				
142	8	6	1.205	-0.0019	1.80	-0.0034	-0.0000	-0.0029	-0.0000	8.5391	0.0175	0.0456	0.0230	0.0139	5.5277	1.5309	1.7952		
		8	0.0086	0.0060	0.0060	0.0060	0.0029	0.0029	0.0029	3.5011	1.7170	-0.0236	-0.0210	-0.0106	5.5445				
142	9	6	1.205	-0.0090	3.72	-0.0012	-0.0025	-0.0023	-0.0025	0.0000	1.4000	0.0779	0.0448	0.0254	2.8789	1.6357	1.7427		
		8	0.0079	0.0053	0.0053	0.0053	0.0023	0.0023	0.0023	3.3385	1.4477	-0.0616	-0.0400	-0.0284	2.4539				
143	1	6	1.204	-0.0022	4.14	-0.0000	-0.0016	-0.0032	-0.0016	-0.0000	3.5927	-0.1115	-0.0419	-0.0383	1.8817	1.7202	1.6547		
		8	0.0096	0.0037	0.0037	0.0037	0.0032	0.0032	0.0032	1.9571	1.6766	0.1282	0.0422	0.0424	1.6458				
143	2	6	1.203	-0.0029	2.18	-0.0000	-0.0016	-0.0035	-0.0016	-0.0000	2.7604	-0.0551	-0.0231	-0.0184	2.1004	1.6747	1.6479		
		8	0.0110	0.0054	0.0054	0.0054	0.0035	0.0035	0.0035	2.4610	1.6222	0.0683	0.0233	0.0225	1.7078				
143	3	6	1.204	-0.0036	1.17	-0.0001	-0.0017	-0.0031	-0.0017	-0.0000	2.3971	-0.0274	-0.0123	-0.0097	2.2579	1.7702	1.6312		
		8	0.0095	0.0053	0.0053	0.0053	0.0031	0.0031	0.0031	2.7958	1.6264	0.0388	0.0127	0.0126	1.6383				
143	4	6	1.203	-0.0040	-0.78	-0.0004	-0.0018	-0.0032	-0.0018	-0.0000	2.2552	-0.0172	-0.0084	-0.0063	2.4432	1.8357	1.8360		
		8	0.0099	0.0052	0.0052	0.0052	0.0032	0.0032	0.0032	2.6415	1.6258	0.0287	0.0086	0.0094	1.5113				
143	5	6	1.203	-0.0030	0.24	-0.0000	-0.0015	-0.0030	-0.0015	-0.0000	2.4820	-0.0017	-0.0020	-0.0008	5.7896	2.3085	1.7519		
		8	0.0086	0.0049	0.0049	0.0049	0.0030	0.0030	0.0030	2.8652	1.7287	0.0123	0.0022	0.0043	0.9230				
143	6	6	1.204	-0.0042	0.28	-0.0000	-0.0017	-0.0031	-0.0017	-0.0000	2.0448	0.0126	0.0031	0.0032	1.2535	1.2994	1.6080		
		8	0.0091	0.0052	0.0052	0.0052	0.0031	0.0031	0.0031	2.8744	1.7021	-0.0024	-0.0027	-0.0007	1.6850				
143	7	6	1.204	-0.0051	0.76	-0.0004	-0.0019	-0.0027	-0.0019	-0.0000	1.9081	0.0249	0.0080	0.0077	1.6149	1.5575	1.4881		
		8	0.0090	0.0053	0.0053	0.0053	0.0027	0.0027	0.0027	2.9586	1.5256	-0.0152	-0.0076	-0.0045	2.5058				
143	8	6	1.204	-0.0044	1.75	-0.0001	-0.0018	-0.0028	-0.0018	-0.0000	2.0999	0.0552	0.0200	0.0171	1.8107	1.5557	1.6364		
		8	0.0094	0.0057	0.0057	0.0057	0.0028	0.0028	0.0028	3.0483	1.5267	-0.0429	-0.0154	-0.0140	2.1512				

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key															
143	9	6	1.204	3.84	-0.0016	-0.0027	-0.0001	-0.0055	0.0001	0.0016	0.1785	-0.000	1.5141	0.1196	0.0400	0.0392	1.6858	1.6530
		7	-0.0053	-0.0001	-0.0027	0.0001	0.0055	0.0001	0.0016	0.1785	-0.000	1.5141	0.1196	0.0400	0.0392	-0.0348	1.6489	1.6786
		8	0.0096	0.0055	0.0027	0.0001	0.0055	0.0001	0.0016	0.1785	-0.000	1.5141	0.1196	0.0400	0.0392	-0.0348	1.6489	1.6786
144	1	6	0.902	-4.30	-0.0039	0.0049	-0.0000	0.0064	0.0000	0.0039	1.7280	-0.000	2.6870	-0.1281	-0.0461	-0.0444	1.8000	1.7354
		7	-0.0073	0.0000	-0.0039	0.0049	-0.0000	0.0064	0.0000	0.0039	1.7280	-0.000	2.6870	-0.1281	-0.0461	-0.0444	1.8000	1.7354
		8	0.0185	0.0064	0.0049	0.0000	0.0064	0.0000	0.0039	1.7280	-0.000	2.6870	-0.1281	-0.0461	-0.0444	-0.0444	1.7855	1.7201
144	2	6	0.904	-2.43	-0.0037	0.0045	-0.0001	0.0060	0.0000	0.0037	1.8270	-0.000	2.5140	-0.0707	-0.0257	-0.0236	1.8239	1.6732
		7	-0.0075	0.0001	-0.0037	0.0045	-0.0001	0.0060	0.0000	0.0037	1.8270	-0.000	2.5140	-0.0707	-0.0257	-0.0236	1.8239	1.6732
		8	0.0166	0.0060	0.0045	0.0001	0.0060	0.0000	0.0037	1.8270	-0.000	2.5140	-0.0707	-0.0257	-0.0236	0.0257	1.8096	1.7240
144	3	6	0.902	-1.42	-0.0039	0.0042	-0.0001	0.0061	0.0000	0.0039	1.8266	-0.000	2.6124	-0.0364	-0.0133	-0.0128	1.8283	1.7575
		7	-0.0075	0.0001	-0.0039	0.0042	-0.0001	0.0061	0.0000	0.0039	1.8266	-0.000	2.6124	-0.0364	-0.0133	-0.0128	1.8283	1.7575
		8	0.0167	0.0061	0.0042	0.0001	0.0061	0.0000	0.0039	1.8266	-0.000	2.6124	-0.0364	-0.0133	-0.0128	0.0143	1.8052	1.7572
144	4	6	0.904	-0.90	-0.0038	0.0045	-0.0002	0.0062	0.0000	0.0038	1.8419	-0.000	2.4460	-0.0216	-0.0078	-0.0077	1.8207	1.7912
		7	-0.0077	0.0002	-0.0038	0.0045	-0.0002	0.0062	0.0000	0.0038	1.8419	-0.000	2.4460	-0.0216	-0.0078	-0.0077	1.8207	1.7912
		8	0.0169	0.0062	0.0045	0.0002	0.0062	0.0000	0.0038	1.8419	-0.000	2.4460	-0.0216	-0.0078	-0.0077	0.0094	1.7473	1.7735
144	5	6	0.903	-0.45	-0.0038	0.0042	-0.0000	0.0060	0.0000	0.0038	1.8113	-0.000	2.7122	-0.0100	-0.0037	-0.0040	1.8825	2.0204
		7	-0.0070	0.0000	-0.0038	0.0042	-0.0000	0.0060	0.0000	0.0038	1.8113	-0.000	2.7122	-0.0100	-0.0037	-0.0040	1.8825	2.0204
		8	0.0146	0.0060	0.0042	0.0000	0.0060	0.0000	0.0038	1.8113	-0.000	2.7122	-0.0100	-0.0037	-0.0040	0.0052	1.6474	2.0012
144	6	6	0.901	0.66	-0.0039	0.0046	-0.0006	0.0062	0.0000	0.0039	1.8419	-0.000	2.1738	0.0046	0.0011	0.0012	1.1961	1.3420
		7	-0.0091	0.0006	-0.0039	0.0046	-0.0006	0.0062	0.0000	0.0039	1.8419	-0.000	2.1738	0.0046	0.0011	0.0012	1.1961	1.3420
		8	0.0170	0.0062	0.0046	0.0006	0.0062	0.0000	0.0039	1.8419	-0.000	2.1738	0.0046	0.0011	0.0012	0.0004	1.4298	-1.6789
144	7	6	0.901	0.55	-0.0036	0.0044	-0.0002	0.0058	0.0000	0.0036	1.8363	-0.000	2.2506	0.0186	0.0060	0.0060	1.6109	1.6259
		7	-0.0081	0.0002	-0.0036	0.0044	-0.0002	0.0058	0.0000	0.0036	1.8363	-0.000	2.2506	0.0186	0.0060	0.0060	1.6109	1.6259
		8	0.0160	0.0058	0.0044	0.0002	0.0058	0.0000	0.0036	1.8363	-0.000	2.2506	0.0186	0.0060	0.0060	-0.0043	1.6686	1.4549
144	8	6	0.902	1.55	-0.0036	0.0044	-0.0002	0.0060	0.0000	0.0036	1.8115	-0.000	2.2506	0.0509	0.0177	0.0165	1.7405	1.6197
		7	-0.0081	0.0002	-0.0036	0.0044	-0.0002	0.0060	0.0000	0.0036	1.8115	-0.000	2.2506	0.0509	0.0177	0.0165	1.7405	1.6197
		8	0.0166	0.0060	0.0044	0.0002	0.0060	0.0000	0.0036	1.8115	-0.000	2.2506	0.0509	0.0177	0.0165	-0.0149	1.8010	1.5689
144	9	6	0.901	3.57	-0.0041	0.0046	-0.0005	0.0061	0.0000	0.0041	1.7518	-0.000	2.3034	0.1138	0.0401	0.0372	1.7640	1.6350
		7	-0.0089	0.0005	-0.0041	0.0046	-0.0005	0.0061	0.0000	0.0041	1.7518	-0.000	2.3034	0.1138	0.0401	0.0372	1.7640	1.6350
		8	0.0175	0.0061	0.0046	0.0005	0.0061	0.0000	0.0041	1.7518	-0.000	2.3034	0.1138	0.0401	0.0372	-0.0355	1.8310	1.6801
144	10	6	0.901	-0.48	-0.0038	0.0045	-0.0000	0.0066	0.0000	0.0038	1.8104	-0.000	2.7122	-0.0077	-0.0030	-0.0029	1.9499	1.9081
		7	-0.0070	0.0000	-0.0038	0.0045	-0.0000	0.0066	0.0000	0.0038	1.8104	-0.000	2.7122	-0.0077	-0.0030	-0.0029	1.9499	1.9081
		8	0.0183	0.0066	0.0045	0.0000	0.0066	0.0000	0.0038	1.8104	-0.000	2.7122	-0.0077	-0.0030	-0.0029	0.0051	1.6716	2.0301

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
145	1	7 8	0.902 -0.0088 0.0152	-0.0009 0.0048	-0.0033 0.0050	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	1.7969 1.6305
145	2	7 8	0.902 -0.0076 0.0090	-0.0010 0.0049	-0.0028 0.0033	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	1.8122 1.5992
145	3	7 8	0.900 -0.0076 0.0086	-0.0010 0.0046	-0.0028 0.0028	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	1.9123 1.5297
145	4	7 8	0.901 -0.0083 0.0101	-0.0013 0.0055	-0.0030 0.0033	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	2.0129 1.5400
145	5	7 8	0.902 -0.0097 0.0116	-0.0019 0.0060	-0.0034 0.0036	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	2.6155 1.3907
145	6	7 8	0.902 -0.0094 0.0099	-0.0015 0.0052	-0.0031 0.0036	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	1.1568 0.7461
145	7	7 8	0.902 -0.0092 0.0092	-0.0014 0.0050	-0.0027 0.0031	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	1.3660 1.9426
145	8	7 8	0.902 -0.0090 0.0105	-0.0015 0.0053	-0.0025 0.0034	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	1.5377 1.7021
145	9	7 8	0.902 -0.0110 0.0117	-0.0019 0.0054	-0.0033 0.0039	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	1.6002 1.7370
146	1	7 8	0.901 -0.0155 0.0352	-0.0026 0.0074	-0.0046 0.0118	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	1.9094 1.6060
146	2	7 8	0.902 -0.0094 0.0055	-0.0017 0.0046	-0.0030 0.0025	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	-0.0000 0.0000	1.9243 1.5519

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
146	3	6	0.903	-1.43	-0.0026	-0.00	1.5429	-0.0186	-0.0103	-0.0074	2.7742	1.9971
		7	-0.0082	-0.0048	0.0025	1.0078	2.0397	0.0277	0.0128	0.0084	2.3131	1.5137
	8	8	0.0062	0.0048	0.0025	3.9062						
146	4	6	0.902	-0.88	-0.0022	-0.00	1.6808	-0.0101	-0.0059	-0.0042	2.9537	2.0972
		7	-0.0066	-0.0046	0.0025	0.8379	2.0644	0.0182	0.0081	0.0054	2.2270	1.4918
	8	8	0.0061	0.0046	0.0025	3.7453						
146	5	6	0.902	-0.40	-0.0020	-0.00	2.4507	-0.0029	-0.0022	-0.0018	3.7793	3.0508
		7	-0.0071	-0.0041	0.0023	0.8742	2.0326	0.0098	0.0039	0.0026	1.9754	1.3297
	8	8	0.0058	0.0041	0.0023	3.5968						
146	6	6	0.903	-0.04	-0.0023	-0.00	1.3382	0.0023	-0.0000	0.0000	-0.0733	0.0052
		7	-0.0088	-0.0047	0.0028	1.0563	1.7182	0.0059	0.0019	0.0013	-1.6297	1.0998
	8	8	0.0081	0.0047	0.0028	2.9249						
146	7	6	0.903	0.51	-0.0027	-0.00	1.5873	0.0125	0.0051	0.0025	2.0422	1.0174
		7	-0.0087	-0.0049	0.0030	1.0626	1.7435	-0.0030	-0.0026	-0.0017	4.4274	2.8741
	8	8	0.0088	0.0049	0.0030	2.8190						
146	8	6	0.902	1.51	-0.0024	-0.00	1.3082	0.0305	0.0136	0.0089	2.2312	1.4655
		7	-0.0095	-0.0053	0.0035	1.4275	1.7450	-0.0178	-0.0102	-0.0067	2.8724	1.8915
	8	8	0.0100	0.0053	0.0035	2.6434						
146	9	6	0.903	3.53	-0.0033	-0.00	1.6131	0.0669	0.0311	0.0213	2.3293	1.5942
		7	-0.0105	-0.0046	0.0033	0.8927	1.7678	-0.0542	-0.0274	-0.0198	2.5273	1.8294
	8	8	0.0096	0.0046	0.0033	2.4044						
147	1	6	0.902	-4.35	-0.0043	-0.00	1.5301	-0.0240	-0.0247	-0.0098	5.1488	2.0568
		7	-0.0142	-0.0114	0.0155	0.9824	1.6592	0.0671	0.0327	0.0214	2.4371	1.5975
	8	8	0.0468	0.0114	0.0155	1.2201						
147	2	6	0.904	-2.40	-0.0019	-0.00	1.2868	-0.0195	-0.0144	-0.0088	3.6969	2.2743
		7	-0.0074	-0.0035	0.0011	0.8298	6.4241	0.0274	0.0164	-0.0083	2.9985	1.5139
	8	8	0.0009	0.0035	0.0011	19.1402						
147	3	6	0.903	-1.45	-0.0017	-0.00	1.1561	-0.0064	-0.0074	-0.0047	5.8192	3.7246
		7	-0.0076	-0.0039	0.0007	0.8656	2.0550	0.0145	0.0094	0.0046	3.2527	1.6031
	8	8	0.0017	0.0039	0.0007	11.3067						
147	4	6	0.904	-0.97	-0.0024	-0.00	1.8808	-0.0052	-0.0056	-0.0026	5.3883	2.5279
		7	-0.0066	-0.0029	0.0008	1.0413	9.7397	0.0092	0.0066	0.0028	3.5903	1.5450
	8	8	0.0004	0.0029	0.0008	33.3021						

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
147	5	6	0.900	-0.0017	-0.0004	-0.0000	1.3717	0.3484	0.0006	-0.0013	-0.0012	-14.8769	-9.3654				
		6	-0.0064	0.0036	0.0009	0.0000	5.8451	1.4759	0.0045	0.0032	0.0010	3.5090	1.1597				
147	6	6	0.903	0.09	-0.0004	-0.0000	-0.00	0.4546	0.0010	-0.0000	0.0000	-0.0733	0.0052				
		6	-0.0049	-0.0015	0.0013	0.0000	4.5977	1.6592	0.0085	0.0023	0.0004	1.3943	0.2588				
147	7	6	0.904	0.45	-0.0004	-0.0000	-0.00	0.3781	0.0089	0.0041	0.0010	2.3111	0.6020				
		6	-0.0058	-0.0041	0.0030	0.0000	3.0638	2.2452	0.0050	-0.0005	-0.0001	-0.5305	-0.1525				
147	8	6	0.903	1.61	-0.0001	-0.0000	-0.00	0.5615	0.0216	0.0114	0.0050	2.6430	1.1565				
		6	-0.0013	-0.0022	0.0034	0.0000	8.2559	3.6123	-0.0053	-0.0068	-0.0024	6.3756	2.3205				
147	9	6	0.902	3.49	-0.0038	-0.0000	-0.00	2.1324	0.0410	0.0251	0.0123	3.0588	1.5007				
		6	-0.0090	-0.0017	0.0031	0.0000	2.6670	1.9395	-0.0270	-0.0206	-0.0121	3.8191	2.2545				
148	4	6	0.702	-4.55	-0.0014	-0.0000	0.00	1.2361	-0.1251	-0.0429	-0.0411	1.7154	1.6424				
		6	-0.0060	0.0002	0.0028	0.0000	-0.1673	1.5826	0.1272	0.0439	0.0437	1.7273	1.7208				
148	5	6	0.702	-2.56	-0.0010	-0.0000	0.00	1.0138	-0.0680	-0.0237	-0.0216	1.7452	1.5888				
		6	-0.0052	0.0003	0.0023	0.0000	-0.3728	1.6247	0.0673	0.0236	0.0230	1.7554	1.7109				
148	6	6	0.701	-1.55	-0.0008	-0.0000	0.00	0.9527	-0.0406	-0.0139	-0.0120	1.7119	1.4605				
		6	-0.0044	0.0005	0.0030	0.0000	-0.6421	1.5986	0.0392	0.0138	0.0139	1.7632	1.7795				
148	7	6	0.701	-1.55	-0.0019	-0.0000	0.00	1.0332	-0.0401	-0.0139	-0.0118	1.7333	1.4708				
		6	-0.0093	-0.0008	0.0032	0.0000	0.4679	1.4541	0.0414	0.0145	0.0143	1.7563	1.7375				
148	8	6	0.701	-2.57	-0.0012	-0.0000	0.00	0.9635	-0.0670	-0.0234	-0.0209	1.7465	1.5648				
		6	-0.0066	-0.0001	0.0030	0.0000	0.1116	1.5986	0.0659	0.0231	0.0232	1.7516	1.7634				
148	9	6	0.702	-1.61	-0.0023	-0.0000	0.00	1.1873	-0.0448	-0.0153	-0.0145	1.7042	1.4114				
		6	-0.0099	-0.0012	0.0038	0.0000	0.6274	1.5945	0.0413	0.0145	0.0145	1.7562	1.7635				

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
148	10	6 7 8	0.702 -0.0044 0.0087	-1.06 0.0005 0.0031	-0.0004 0.0025 0.0031	-0.0004 0.0025 0.0031	-0.0004 0.0025 0.0031	-0.0004 0.0025 0.0031	-0.0004 0.0025 0.0031	-0.0004 0.0025 0.0031	-0.0004 0.0025 0.0031	-0.0004 0.0025 0.0031	-0.0004 0.0025 0.0031	-0.0004 0.0025 0.0031	-0.0004 0.0025 0.0031	-0.0004 0.0025 0.0031	-0.0004 0.0025 0.0031
148	11	6 7 8	0.701 -0.0077 0.0076	-0.57 0.0004 0.0028	-0.0008 0.0021 0.0021	-0.0008 0.0021 0.0021	-0.0008 0.0021 0.0021	-0.0008 0.0021 0.0021	-0.0008 0.0021 0.0021	-0.0008 0.0021 0.0021	-0.0008 0.0021 0.0021	-0.0008 0.0021 0.0021	-0.0008 0.0021 0.0021	-0.0008 0.0021 0.0021	-0.0008 0.0021 0.0021	-0.0008 0.0021 0.0021	-0.0008 0.0021 0.0021
148	12	6 7 8	0.701 -0.0074 0.0079	-0.14 0.0003 0.0030	-0.0010 0.0028 0.0028	-0.0010 0.0028 0.0028	-0.0010 0.0028 0.0028	-0.0010 0.0028 0.0028	-0.0010 0.0028 0.0028	-0.0010 0.0028 0.0028	-0.0010 0.0028 0.0028	-0.0010 0.0028 0.0028	-0.0010 0.0028 0.0028	-0.0010 0.0028 0.0028	-0.0010 0.0028 0.0028	-0.0010 0.0028 0.0028	-0.0010 0.0028 0.0028
148	13	6 7 8	0.701 -0.0082 0.0087	-0.48 0.0004 0.0031	-0.0012 0.0028 0.0028	-0.0012 0.0028 0.0028	-0.0012 0.0028 0.0028	-0.0012 0.0028 0.0028	-0.0012 0.0028 0.0028	-0.0012 0.0028 0.0028	-0.0012 0.0028 0.0028	-0.0012 0.0028 0.0028	-0.0012 0.0028 0.0028	-0.0012 0.0028 0.0028	-0.0012 0.0028 0.0028	-0.0012 0.0028 0.0028	-0.0012 0.0028 0.0028
148	14	6 7 8	0.701 -0.0096 0.0092	-1.46 0.0010 0.0035	-0.0017 0.0032 0.0032	-0.0017 0.0032 0.0032	-0.0017 0.0032 0.0032	-0.0017 0.0032 0.0032	-0.0017 0.0032 0.0032	-0.0017 0.0032 0.0032	-0.0017 0.0032 0.0032	-0.0017 0.0032 0.0032	-0.0017 0.0032 0.0032	-0.0017 0.0032 0.0032	-0.0017 0.0032 0.0032	-0.0017 0.0032 0.0032	-0.0017 0.0032 0.0032
148	15	6 7 8	0.701 -0.0104 0.0083	-3.52 0.0012 0.0029	-0.0014 0.0030 0.0030	-0.0014 0.0030 0.0030	-0.0014 0.0030 0.0030	-0.0014 0.0030 0.0030	-0.0014 0.0030 0.0030	-0.0014 0.0030 0.0030	-0.0014 0.0030 0.0030	-0.0014 0.0030 0.0030	-0.0014 0.0030 0.0030	-0.0014 0.0030 0.0030	-0.0014 0.0030 0.0030	-0.0014 0.0030 0.0030	-0.0014 0.0030 0.0030
148	16	6 7 8	0.701 -0.0118 0.0114	-0.57 0.0017 0.0042	-0.0019 0.0036 0.0036	-0.0019 0.0036 0.0036	-0.0019 0.0036 0.0036	-0.0019 0.0036 0.0036	-0.0019 0.0036 0.0036	-0.0019 0.0036 0.0036	-0.0019 0.0036 0.0036	-0.0019 0.0036 0.0036	-0.0019 0.0036 0.0036	-0.0019 0.0036 0.0036	-0.0019 0.0036 0.0036	-0.0019 0.0036 0.0036	-0.0019 0.0036 0.0036
149	1	6 7 8	0.701 -0.0113 0.0049	-4.54 0.0020 0.0021	-0.0028 0.0028 0.0028	-0.0028 0.0028 0.0028	-0.0028 0.0028 0.0028	-0.0028 0.0028 0.0028	-0.0028 0.0028 0.0028	-0.0028 0.0028 0.0028	-0.0028 0.0028 0.0028	-0.0028 0.0028 0.0028	-0.0028 0.0028 0.0028	-0.0028 0.0028 0.0028	-0.0028 0.0028 0.0028	-0.0028 0.0028 0.0028	-0.0028 0.0028 0.0028
149	2	6 7 8	0.702 -0.0109 0.0000	-2.48 0.0018 0.0012	-0.0021 0.0021 0.0021	-0.0021 0.0021 0.0021	-0.0021 0.0021 0.0021	-0.0021 0.0021 0.0021	-0.0021 0.0021 0.0021	-0.0021 0.0021 0.0021	-0.0021 0.0021 0.0021	-0.0021 0.0021 0.0021	-0.0021 0.0021 0.0021	-0.0021 0.0021 0.0021	-0.0021 0.0021 0.0021	-0.0021 0.0021 0.0021	-0.0021 0.0021 0.0021
149	3	6 7 8	0.702 -0.0124 0.0029	-1.54 0.0024 0.0024	-0.0010 0.0030 0.0030	-0.0010 0.0030 0.0030	-0.0010 0.0030 0.0030	-0.0010 0.0030 0.0030	-0.0010 0.0030 0.0030	-0.0010 0.0030 0.0030	-0.0010 0.0030 0.0030	-0.0010 0.0030 0.0030	-0.0010 0.0030 0.0030	-0.0010 0.0030 0.0030	-0.0010 0.0030 0.0030	-0.0010 0.0030 0.0030	-0.0010 0.0030 0.0030
149	4	6 7 8	0.701 -0.0094 0.0011	-1.07 0.0015 0.0019	-0.0004 0.0025 0.0025	-0.0004 0.0025 0.0025	-0.0004 0.0025 0.0025	-0.0004 0.0025 0.0025	-0.0004 0.0025 0.0025	-0.0004 0.0025 0.0025	-0.0004 0.0025 0.0025	-0.0004 0.0025 0.0025	-0.0004 0.0025 0.0025	-0.0004 0.0025 0.0025	-0.0004 0.0025 0.0025	-0.0004 0.0025 0.0025	-0.0004 0.0025 0.0025

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
149	5	5	0.702	-0.0025	0.0003	0.9788	0.1610	-0.0119	-0.0048	-0.0015	2.0123	0.6406
	6	6	-0.0008	0.0011	0.0021	10.3409	12.5104	0.0132	0.0043	0.0044	1.6580	1.6843
149	6	6	0.702	0.10	0.0000	1.0164	-0.0140	-0.0054	-0.0023	0.0010	2.1477	-1.0144
	7	7	-0.0118	-0.0024	0.0012	0.0019		0.0049	0.0012	0.0016	1.2113	1.6985
149	7	8	0.701	0.39	0.0000	0.8711	-0.0145	0.0102	0.0029	0.0037	1.4529	2.7767
	8	8	-0.0118	-0.0020	0.0021	4.5325	5.0013	-0.0114	-0.0042	-0.0033	1.8465	1.4755
			0.0021	0.0019	0.0021							
149	8	8	0.701	1.46	0.0002	0.9218	-0.1047	0.0330	0.0113	0.0134	1.7224	2.0333
			-0.0121	-0.0022	0.0017	-7.2915	-14.1805	-0.0297	-0.0110	-0.0106	1.8653	1.7848
			-0.0006	0.0008	0.0017							
149	9	6	0.701	3.40	0.0000	0.9354	-0.0144	0.0816	0.0297	0.0297	1.8229	1.8205
		6	-0.0129	-0.0017	0.0023	4.8059	6.4483	-0.0773	-0.0290	-0.0267	1.8807	1.7291
			0.0018	0.0017	0.0023							
150	1	6	0.702	-4.53	-0.0006	1.0335	0.2277	-0.0957	-0.0390	-0.0305	2.0383	1.5935
		8	-0.0137	-0.0028	0.0048	1.1603	2.7260	0.1024	0.0390	0.0340	1.9065	1.6622
			0.0088	0.0020	-0.0048							
150	2	6	0.702	-2.53	0.0004	0.0038	-0.2192	-0.0543	-0.0214	-0.0157	1.9733	1.4526
		8	-0.0107	-0.0022	0.0019	-4.0514	-7.3392	0.0549	0.0213	0.0170	1.9415	1.5473
			-0.0013	0.0010	0.0019							
150	3	6	0.702	-1.51	0.0000	1.2389	-0.0131	-0.0343	-0.0135	-0.0086	1.9689	1.2625
		8	-0.0135	-0.0033	0.0021	1.2389	-0.0131	-0.0343	-0.0134	0.0109	1.9014	1.5533
			-0.0004	0.0016	0.0021	-18.9618	-25.3156	0.0353	0.0134			
150	4	6	0.703	-1.10	0.0004	0.9972	-0.2253	-0.0252	-0.0033	-0.0053	1.9498	1.0488
		8	-0.0104	-0.0020	0.0026	11.4458	13.8409	0.0284	0.0105	0.0085	1.8485	1.5061
			0.0009	0.0021	0.0026							
150	5	6	0.702	-0.55	0.0009	1.0572	-0.3724	-0.0125	-0.0046	-0.0013	1.9289	0.5266
		8	-0.0122	-0.0025	0.0017	-0.9764	-3.1722	0.0137	0.0049	0.0040	1.8102	1.4766
			-0.0027	0.0005	0.0017							
150	6	6	0.702	-0.08	0.0006	0.0017	-0.2895	-0.0024	-0.0014	0.0017	2.9259	-3.5473
		8	-0.0119	-0.0024	0.0021	10.3409	12.5104	0.0037	0.0010	0.0006	1.4099	0.8458
			0.0008	0.0017	0.0021							

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key																
150	7	6	0.702	0.37	0.0000	0.0000	1.2606	0.0131	0.0044	0.0012	0.0044	1.3946	5.0073	1.7815					
		7	-0.0153	-0.0038	0.0017	0.0017	85.1012	90.8313	-0.0065	-0.0024	-0.0023	1.8814							
		8	0.0000	0.0016															
150	8	6	0.702	1.39	0.0000	0.0000	0.00	0.0131	0.0264	0.0098	0.0118	1.8536	2.2473	1.8394					
		7	-0.0150	-0.0040	0.0025	0.0025	4.3833	5.3362	-0.0242	-0.0098	-0.0009	2.0390							
		8	0.0024	0.0021															
150	9	6	0.703	3.41	-0.0006	-0.0006	0.00	0.1838	0.0718	0.0277	0.0263	1.9332	1.8329	1.7747					
		7	-0.0165	-0.0040	0.0023	0.0023	4.5545	5.5424	-0.0685	-0.0274	-0.0243	2.0026							
		8	0.0021	0.0019															
151	1	6	0.701	-4.53	-0.0006	-0.0006	0.00	0.1772	-0.0413	-0.0293	-0.0123	3.5551	1.4934	1.5975					
		7	-0.0172	-0.0044	0.0135	0.0135	0.9223	1.8859	0.0763	0.0338	0.0244	2.2135							
		8	0.0359	0.0066															
151	2	6	0.701	-2.53	0.0002	0.0002	0.00	-0.0962	-0.0325	-0.0170	-0.0083	2.6197	1.2773	1.5352					
		7	-0.0130	-0.0036	0.0000	0.0000	1.4152	0.0061	0.0325	0.0164	0.0099	2.5216							
		8	-0.0076	0.0005			-0.3934												
151	3	6	0.702	-1.57	0.0015	0.0015	0.00	-0.8386	-0.0194	-0.0105	-0.0034	2.7176	0.8951	1.3555					
		7	-0.0091	-0.0025	0.0000	0.0000	1.4486	0.0064	0.0194	0.0102	0.0052	2.6465							
		8	-0.0065	0.0005			-0.4486												
151	4	6	0.702	-1.10	0.0015	0.0015	0.00	-0.7978	-0.0130	-0.0072	-0.0041	2.7902	0.5759	1.4598					
		7	-0.0095	-0.0025	0.0000	0.0000	1.3280	0.0052	0.0143	0.0072	0.0015	2.5129							
		8	-0.0061	0.0002			-0.1782												
151	5	6	0.702	-0.58	0.0013	0.0013	0.00	-0.5362	-0.0093	-0.0047	0.0000	2.5318	-0.0044	1.1480					
		7	-0.0122	-0.0035	0.0002	0.0002	1.4639	-0.2136	0.0072	0.0034	0.0016	2.4159							
		8	-0.0048	0.0003			-0.3998												
151	6	6	0.703	-0.00	0.0006	0.0006	0.00	-0.2425	-0.0035	-0.0021	0.0017	2.9510	-2.3892	0.3926					
		7	-0.0137	-0.0042	0.0008	0.0008	1.5468	-1.4552	0.0025	0.0006	0.0002	1.3234							
		8	-0.0028	0.0012			-2.1894												
151	7	6	0.702	0.42	0.0004	0.0004	0.00	-0.1707	0.0032	0.0017	0.0036	3.6740	5.5539	2.6125					
		7	-0.0133	-0.0042	0.0012	0.0012	1.6050	-4.3833	-0.0019	-0.0020	-0.0010	5.2979							
		8	-0.0014	0.0012			-4.3158												
151	8	6	0.703	1.41	0.0017	0.0017	0.00	-0.8074	0.0149	0.0079	0.0080	2.6717	2.6909	2.0419					
		7	-0.0105	-0.0040	0.0014	0.0014	1.9240	-4.14070	-0.0120	-0.0079	-0.0049	3.2915							
		8	-0.0001	0.0013			-39.6318												

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key										
151	9	6	-0.0704 -0.0165 0.0012	-0.0040 0.0013 0.0018	3.49 0.0043 0.0013	-0.0003 0.0018 0.0018	0.131 1:2131 5:5728	0.1123 7.6425 0.0444	-0.0444 -0.0453 -0.0230	0.0230 -0.0232 -0.0178	-0.0165 -0.0165 -0.0165	2.5924 2.5639 2.5639	2.0063 1.8310 1.8310
152	1	6	-0.403 -0.0165 -0.0071	-0.0044 -0.0018 -0.0018	4.67 0.0044 0.0018	0.0052 0.0002 0.0002	0.3485 1:3269 1:3269	-1.5747 -0.0009 -0.0009	-0.1313 0.1187 0.1187	-0.0450 0.0401 0.0401	-0.0363 -0.0407 -0.0407	1.7142 1.6908 1.6908	1.3825 1.7151 1.7151
152	2	6	-0.402 -0.0174 -0.0064	-0.0049 -0.0014 -0.0014	2.71 0.0049 0.0014	0.0046 0.0000 0.0000	0.273 1:4273 1:1158	-1.3362 -0.0001 -0.0001	-0.0729 0.0634 0.0634	-0.0258 0.0224 0.0224	-0.0145 -0.0208 -0.0208	1.7705 1.7657 1.7657	0.9963 1.6411 1.6411
152	3	6	-0.402 -0.0210 -0.0071	-0.0063 -0.0018 -0.0018	1.78 0.0063 0.0018	0.0034 0.0000 0.0000	0.203 1:5203 1:3269	-0.8315 -0.0009 -0.0009	-0.0546 0.0399 0.0399	-0.0195 0.0138 0.0138	-0.0098 0.0134 0.0134	1.7934 1.7360 1.7360	0.8978 1.6764 1.6764
152	4	6	-0.402 -0.0173 -0.0079	-0.0049 -0.0023 -0.0023	1.23 0.0049 0.0023	0.0046 -0.0005 -0.0005	0.273 1:4273 1:4950	-1.3362 -0.0381 -0.0164	-0.0135 0.0059 0.0059	-0.0040 0.0067 0.0067	-0.0040 0.0067 0.0067	1.7719 1.8240 1.8240	0.5280 2.0378 2.0378
152	5	6	-0.403 -0.0177 -0.0070	-0.0044 -0.0018 -0.0018	0.70 0.0044 0.0018	0.0046 -0.0005 -0.0005	0.211 1:3251 1:3251	-1.3007 -0.0107 -0.0107	-0.0102 0.0041 0.0041	0.0000 0.0050 0.0050	0.0000 0.0050 0.0050	1.7731 1.9276 1.9276	-0.0020 -2.3359 -2.3359
152	6	6	-0.402 -0.0214 -0.0021	-0.0058 -0.0004 -0.0004	0.28 0.0058 0.0004	0.0034 0.0000 0.0000	0.211 1:3251 1:1158	-0.8134 -0.0001 -0.0001	-0.0160 -0.0029 -0.0029	-0.0055 -0.0009 -0.0009	0.0028 0.0005 0.0005	1.7488 1.6420 1.6420	-0.9009 -0.9807 -0.9807
152	7	6	-0.404 -0.0205 -0.0036	-0.0018 -0.0053 -0.0014	0.18 0.0053 0.0014	0.0046 -0.0005 -0.0005	0.203 1:5203 1:3269	-1.1236 -0.0065 -0.0121	-0.0037 -0.0041 -0.0041	0.0068 -0.0016 -0.0016	0.0068 -0.0016 -0.0016	2.8890 1.7227 1.7227	-5.2443 -0.6724 -0.6724
152	8	6	-0.403 -0.0205 -0.0036	-0.0053 -0.0013 -0.0013	1.26 0.0053 0.0013	0.0034 -0.0011 -0.0011	0.203 1:5203 1:9371	-0.8440 -0.0275 -0.0487	0.0082 -0.0160 -0.0160	0.0189 -0.0132 -0.0132	0.0189 -0.0132 -0.0132	1.5041 1.6520 1.6520	3.4426 1.3598 1.3598
152	9	6	-0.403 -0.0177 -0.0015	-0.0044 -0.0009 -0.0009	3.20 0.0044 0.0009	0.0052 0.0000 0.0000	0.273 1:4273 3:0039	-1.4636 -0.0732 -0.0865	0.0241 -0.0295 -0.0295	0.0334 -0.0272 -0.0272	0.0334 -0.0272 -0.0272	1.6495 1.7041 1.7041	2.2835 1.5719 1.5719
152	10	6	-0.403 -0.0198 -0.0013	-0.0073 -0.0048 -0.0009	0.00 0.0048 0.0009	0.0052 0.0000 0.0000	0.203 1:5203 3:0039	-1.3135 -0.0232 -0.0060	-0.0083 0.0013 0.0013	0.0017 0.0039 0.0039	0.0017 0.0039 0.0039	1.8057 1.0815 1.0815	-0.3732 -3.2065 -3.2065

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key											
153	4	5	6	0.402	-4.61	-0.0005	16.9099	-0.00	-5.0185	-0.1014	-0.0359	-0.0334	1.7742	1.6509
				0.0005	0.0033	0.0034	2.0505	0.00	2.1577	0.1140	0.0391	0.0363	1.7149	1.5951
153	5	7	8	0.401	-2.47	-0.0028	-0.4852	-0.00	3.1901	-0.0497	-0.0174	-0.0158	1.7532	1.5879
				-0.0045	0.0047	0.0040	2.0137	0.00	1.7238	0.0625	0.0201	0.0192	1.6097	1.5378
153	6	7	8	0.403	-1.70	-0.0022	-0.00	-0.00	4.8014	-0.0334	-0.0116	-0.0115	1.7420	1.7309
				-0.0023	0.0009	0.0039	1.9372	0.00	1.3791	0.0446	0.0134	0.0123	1.5055	1.3801
153	7	6	8	0.403	-1.20	-0.0005	8.8096	0.00	-2.0990	-0.0184	-0.0065	-0.0069	1.7639	1.6775
				0.0013	0.0023	0.0028	2.2083	0.00	1.4911	0.0376	0.0115	0.0100	1.5411	1.3388
153	8	7	8	0.402	-0.65	-0.0028	0.3407	0.00	1.9444	-0.0092	-0.0032	-0.0028	1.7596	1.5596
				-0.0073	0.0051	0.0039	2.0779	0.00	1.6131	0.0251	0.0064	0.0061	1.2813	1.2212
153	9	7	8	0.403	-0.21	-0.0016	-0.5393	0.00	1.9330	0.0062	0.0013	0.0005	1.1028	0.4684
				-0.0043	0.0046	0.0039	2.2762	0.00	1.9430	0.0145	0.0009	0.0027	0.2782	0.9577
153	10	6	7	0.404	0.35	-0.0005	-13.4852	0.00	3.9516	0.0173	0.0050	0.0045	1.4524	1.3189
				-0.0037	0.0023	0.0028	3.0970	0.00	3.7873	-0.0016	-0.0018	-0.0003	1.5816	10.2894
153	11	6	7	0.403	-1.46	-0.0033	0.2919	0.00	1.9800	0.0421	0.0138	0.0137	1.6424	1.6307
				-0.0085	0.0050	0.0045	2.0798	0.00	1.8497	-0.0277	-0.0105	-0.0099	1.9006	1.7922
153	12	6	7	0.404	3.42	-0.0022	-0.00	-0.00	3.1191	0.0916	0.0313	0.0285	1.7124	1.5597
				-0.0036	0.0050	0.0039	2.0779	0.00	1.6131	-0.0654	-0.0256	-0.0242	1.9571	1.8527
154	6	7	8	1.001	-4.29	-0.0027	-0.3585	0.00	2.2286	-0.1137	-0.0492	-0.0404	2.1646	1.7792
				-0.0061	0.0040	0.0039	2.1395	0.00	2.1108	0.1121	0.0491	0.0391	2.1919	1.7477
154	7	6	8	1.001	-2.26	-0.0026	-0.00	-0.00	2.4085	-0.0573	-0.0252	-0.0204	2.1999	1.7826
				-0.0054	0.0050	0.0035	2.8429	0.00	1.9871	0.0564	0.0265	0.0198	2.3542	1.7544

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
154	8	6 7 8	1.001 -0.0056 0.0094	-1.30 0.0003 0.0051	-0.0024 0.0035 0.0035	-0.0000 -0.2882 2.7502	2.1600 1.8810 0.0334	-0.0334 0.0326 0.0155	-0.0148 0.0155 0.0119	2.2248 2.3902 1.8919 1.8316							
154	9	6 7 8	1.004 -0.0074 0.0106	-0.066 0.0003 0.0057	-0.0033 0.0039 0.0039	-0.0000 0.2552 2.6950	2.2835 1.8552 0.0165	-0.0165 0.0156 0.0083	-0.0076 0.0083 0.0065	2.3094 2.6745 1.9593 2.0897							
154	10	6 7 8	1.001 -0.0073 0.0093	-0.028 0.0004 0.0051	-0.0031 0.0035 0.0035	-0.0000 0.3026 2.7502	1.9721 1.8810 0.0086	-0.0086 0.0070 0.0046	-0.0043 0.0046 0.0037	2.5206 3.3154 2.3745 2.6394							
154	11	6 7 8	1.003 -0.0069 0.0086	-0.016 0.0001 0.0049	-0.0026 0.0035 0.0035	-0.0000 0.0916 2.8391	1.9306 2.0304 0.0055	0.0007 0.0003 0.0001	0.0002 0.0001 0.0001	0.6522 -0.4437 -0.2501 -0.1801							
154	12	6 7 8	1.003 -0.0081 0.0091	-0.078 0.0004 0.0049	-0.0029 0.0034 0.0034	-0.0000 0.2864 2.7448	1.8168 1.9198 0.0204	-0.0204 -0.0201 -0.0062	0.0069 -0.0062 -0.0055	1.7018 1.5401 1.2721 1.3662							
154	13	6 7 8	1.002 -0.0069 0.0102	-1.85 0.0001 0.0053	-0.0024 0.0037 0.0037	-0.0000 0.0847 2.5938	1.7394 1.8339 0.0489	-0.0489 -0.0454 -0.0174	0.0150 -0.0137 -0.0137	1.9470 1.9184 1.5343 1.5179							
154	14	6 7 8	1.002 -0.0069 0.0089	-3.70 0.0001 0.0045	-0.0025 0.0036 0.0036	-0.0000 0.0881 2.5310	1.8351 2.0256 0.1013	-0.1013 -0.0931 0.0412	-0.0383 -0.0302 0.0329	2.0355 2.0617 1.6244 1.6251							
155	2	6 7 8	1.001 -0.0033 0.0155	-4.22 0.0021 0.0045	-0.0038 0.0044 0.0044	0.0000 -3.1362 1.4799	5.7120 1.4280 -0.1381	-0.1381 0.1311 0.0450	-0.0478 0.0467 -0.0450	1.6822 1.7173 1.7323 1.7814							
155	3	6 7 8	1.004 -0.0033 0.0156	-2.31 0.0021 0.0056	-0.0035 0.0044 0.0044	0.0000 -3.1652 1.8040	5.3255 1.4139 -0.0748	-0.0748 0.0648 0.0250	-0.0256 0.0246 -0.0238	1.6753 1.8420 1.7108 1.9010							
155	4	6 7 8	1.002 -0.0027 0.0164	-1.29 0.0024 0.0057	-0.0033 0.0044 0.0044	0.0000 -4.4664 1.7470	5.9475 1.3431 -0.0434	-0.0434 0.0335 0.0130	-0.0147 0.0141 -0.0141	1.6984 1.9405 1.7089 2.1023							
155	5	6 7 8	1.002 -0.0027 0.0176	-0.80 0.0024 0.0060	-0.0034 0.0048 0.0048	0.0000 -4.4453 1.7244	6.1801 1.3707 -0.0275	-0.0275 0.0198 0.0081	-0.0091 -0.0094 -0.0094	1.6533 2.0639 1.7284 2.3935							

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key											
155	6	6	1.000	-0.0021	-0.0035	-2.9050	-0.0000	4.8774	-0.0147	-0.0051	-0.0054	1.7526	1.8455	
	7	6	-0.0036	0.0056	0.0045	1.7321	0.0050	1.4023	0.0050	0.0034	0.0048	3.4477	4.8416	
	8	6	0.0162	0.0056										
155	7	7	1.002	0.0021	-0.0035	-2.6851	-0.0000	4.4986	0.0090	0.0018	0.0022	1.0275	1.2329	
	8	7	-0.0039	0.0055	0.0044	1.7521	0.0050	1.4028	-0.0165	-0.0028	-0.0022	0.8665	0.6816	
	9	7	0.0157	0.0055										
155	8	8	1.001	0.0022	-0.0034	-3.2419	-0.0000	4.9552	0.0227	0.0061	0.0067	1.3508	1.5391	
	9	8	-0.0034	0.0052	0.0042	1.7204	0.0050	1.3922	-0.0297	-0.0068	-0.0067	1.1519	1.1248	
	10	8	0.0153	0.0052										
155	9	9	1.003	1.69	-0.0030	-5.7426	-0.0000	6.6841	0.0438	0.0150	0.0159	1.5046	1.5953	
	10	9	-0.0022	0.0052	0.0042	1.6848	0.0050	1.3642	-0.0569	-0.0160	-0.0155	1.4122	1.3651	
	11	9	0.0156	0.0052										
155	10	10	1.003	0.0021	-0.0032	-2.9307	-0.0000	4.5184	0.1185	0.0382	0.0396	1.6140	1.6696	
	11	10	-0.0036	0.0052	0.0045	1.5862	0.0050	1.3712	-0.1210	-0.0379	-0.0379	1.5677	1.5682	
	12	10	0.0165	0.0052										
155	11	11	1.003	0.0021	-0.0039	-2.6511	-0.0000	4.9927	0.0142	0.0050	0.0050	1.7736	1.7609	
	12	11	-0.0039	0.0060	0.0048	1.7244	0.0050	1.3707	0.0040	0.0032	-0.0045	1.40306	1.7092	
	13	11	0.0175	0.0060										
156	1	12	1.002	0.0019	-0.0035	-0.2049	0.0000	2.3421	-0.0854	-0.0429	-0.0309	2.5157	1.8137	
	2	12	-0.0075	0.0049	0.0077	1.1331	0.0000	1.7731	0.0931	0.0439	0.0325	2.3578	1.7484	
	3	12	0.0219	0.0049										
156	2	13	1.000	0.0043	-0.0024	-0.2243	-0.0000	2.8327	-0.0512	-0.0242	-0.0185	2.3671	1.8135	
	3	13	-0.0063	0.0044	0.0031	3.5160	0.0000	2.4369	0.0475	0.0247	0.0169	2.5965	1.7810	
	4	13	0.0063	0.0044										
156	3	14	1.002	0.0060	-0.0022	-0.0913	-0.0000	2.2593	-0.0286	-0.0139	-0.0109	2.4305	1.9054	
	4	14	-0.0050	0.0044	0.0029	3.3476	0.0000	2.2192	0.0269	0.0145	0.0104	2.6887	1.9363	
	5	14	0.0066	0.0044										
156	4	15	1.003	0.0005	-0.0021	-0.7253	-0.0000	2.9046	-0.0175	-0.0086	-0.0070	2.4692	2.0158	
	5	15	-0.0036	0.0045	0.0030	3.5016	0.0000	2.3669	0.0148	0.0088	0.0063	2.9778	2.1315	
	6	15	0.0065	0.0045										
156	5	16	1.004	0.0029	-0.0022	-0.0913	-0.0000	2.2593	-0.0072	-0.0038	-0.0036	2.6820	2.5290	
	6	16	-0.0050	0.0047	0.0032	2.9417	0.0000	1.9838	0.0054	0.0046	0.0034	4.2591	3.1393	
	7	16	0.0080	0.0047										

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key															
156	6	6	1.002	0.16	-0.0025	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	7	7	-0.0058	-0.0002	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
	8	8	0.0099	0.0055	0.0036	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
156	7	6	1.001	0.60	-0.0028	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	7	7	-0.0067	-0.0005	-0.0038	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
	8	8	0.0099	0.0055	0.0038	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
156	8	6	1.001	1.69	-0.0025	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	7	7	-0.0066	-0.0006	-0.0038	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
	8	8	0.0102	0.0055	0.0038	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
156	9	6	1.001	3.74	-0.0029	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	7	7	-0.0077	-0.0004	-0.0044	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
	8	8	0.0110	0.0052	0.0044	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
157	1	6	1.001	-4.25	-0.0048	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	7	7	-0.0134	-0.0013	-0.0065	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
	8	8	0.0489	0.0100	0.0165	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
157	2	6	1.002	-2.25	-0.0024	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	7	7	-0.0052	-0.0003	-0.0024	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
	8	8	0.0030	0.0038	0.0024	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
157	3	6	1.001	-1.33	-0.0016	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	7	7	-0.0024	-0.0005	-0.0022	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
	8	8	0.0030	0.0035	0.0022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
157	4	6	0.999	-0.81	-0.0016	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	7	7	-0.0025	-0.0003	-0.0026	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
	8	8	0.0040	0.0039	0.0026	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
157	5	6	1.001	-0.29	-0.0014	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	7	7	-0.0026	-0.0002	-0.0025	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
	8	8	0.0040	0.0039	0.0025	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
157	6	6	1.002	0.24	-0.0016	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	7	7	-0.0033	-0.0001	-0.0031	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
	8	8	0.0061	0.0045	0.0031	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
157	7	6	1.000	0.66	-0.0016	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
	7	7	-0.0034	-0.0003	-0.0032	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
	8	8	0.0074	0.0047	0.0032	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
157	8	6 7 8	1.003	1.72	-0.0009	-0.0000	0.0227	0.0119	0.0059	2.6141	1.3062						
			-0.0079	0.0044	0.0035	2.8224	4.9513	-0.0204	-0.0103	-0.0055	2.5246	1.3655					
157	9	6 7 8	1.001	5.71	-0.0027	-0.0003	0.0536	0.0295	0.0162	2.7529	1.5159						
			-0.0067	0.0050	0.0043	2.4161	1.9982	-0.0495	-0.0267	-0.0155	2.6955	1.5664					
			0.0103				2.0932										
158	1	6 7 8	0.999	-4.15	-0.0043	-0.0000	-0.0233	-0.0270	-0.0111	3.7027	2.3049						
			-0.0112	0.0120	0.0179	1.1489	1.7087	0.0630	0.0342	0.0222	2.7100	1.7639					
			0.0524														
158	2	6 7 8	1.002	-2.30	-0.0014	-0.0009	-0.0228	-0.0171	-0.0103	3.7599	2.2720						
			-0.0026	0.0004	0.0013	14.5004	5.3378	0.0186	0.0164	0.0082	4.4178	2.2064					
			0.0012														
158	3	6 7 8	1.000	-1.27	-0.0016	-0.0000	-0.0109	-0.0099	-0.0059	4.5102	2.7211						
			-0.0027	0.0002	0.0015	16.8964	6.8315	0.0074	0.0098	0.0043	6.5903	2.9102					
			0.0011														
158	4	6 7 8	1.000	-0.77	-0.0009	-0.0000	-0.0064	-0.0060	-0.0045	4.6609	3.5438						
			-0.0006	0.0034	0.0018	7.7086	4.1431	0.0023	0.0057	0.0027	12.0927	5.7626					
			0.0022														
158	5	6 7 8	1.001	-0.29	-0.0010	-0.0000	-0.0020	-0.0031	-0.0029	7.7444	7.2954						
			-0.0028	0.0001	0.0022	5.1151	3.0605	-0.0016	0.0030	0.0014	-9.4678	-4.5786					
			0.0036														
158	6	6 7 8	1.002	0.15	-0.0009	-0.0000	0.0031	-0.0000	-0.0011	-0.0666	-1.7628						
			-0.0011	0.0004	0.0024	4.3294	2.6708	-0.0051	0.0007	0.0005	-0.6801	-0.5375					
			0.0045														
158	7	6 7 8	1.002	0.61	-0.0009	-0.0000	0.0049	0.0025	-0.0002	2.6154	-0.2733						
			-0.0002	0.0001	0.0028	3.7364	2.4850	-0.0011	-0.0012	0.0001	1.1865	-0.1469					
			0.0056														
158	8	6 7 8	1.004	1.65	-0.0004	-0.0000	0.0170	0.0099	0.0042	2.9109	1.2367						
			0.0014	0.0000	0.0034	2.7270	2.0463	-0.0142	-0.0080	-0.0035	2.8400	1.2580					
			0.0084														
158	9	6 7 8	1.004	3.71	-0.0013	-0.0000	0.0395	0.0256	0.0120	3.2439	1.5157						
			-0.0026	0.0002	0.0035	2.5596	1.9059	-0.0335	-0.0220	-0.0106	3.2930	1.5879					
			0.0093														

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
159	4	6	0.402	-0.0037	-0.0011	0.490	0.0020	0.0004	0.0011	1.1183	2.8409	-0.0047	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
		6	-0.0003	0.0009	-0.0011	13.4973	-15.5451	0.0041	0.0009	1.1143	-0.0047	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
159	5	7	0.401	-4.62	-0.0011	0.00	0.0199	-0.0160	-0.0062	4.0245	1.5673	1.4488	-0.0062	0.0181	2.0916	1.4488	1.4488
		7	-0.0112	0.0029	0.0118	1.6470	1.1798	0.0627	0.0262	4.0245	1.5673	1.4488	-0.0062	0.0181	2.0916	1.4488	1.4488
159	6	8	0.399	-2.66	0.0005	0.00	-0.0143	-0.0094	-0.0028	3.3034	0.9968	1.5049	-0.0028	0.0061	2.6442	0.9968	1.5049
		8	-0.0053	0.0018	0.0005	0.8214	2.1267	0.0203	0.0107	3.3034	0.9968	1.5049	-0.0028	0.0061	2.6442	0.9968	1.5049
159	7	9	0.403	-1.72	-0.0016	-0.00	0.0079	-0.0055	0.0000	3.4851	-0.0075	-0.0075	0.0000	0.0021	3.5259	-0.0075	-0.0075
		9	-0.0083	0.0019	-0.0016	1.6562	14.3178	-12.4755	0.0154	3.4851	-0.0075	-0.0075	0.0000	0.0021	3.5259	-0.0075	-0.0075
159	8	10	0.401	-1.21	0.0005	0.00	-0.0013	-0.0024	0.0000	8.7192	-0.0245	-0.0245	0.0000	0.0005	2.4014	-0.0245	-0.0245
		10	-0.0056	0.0010	-0.0023	1.6288	-1.1046	0.0128	0.0061	8.7192	-0.0245	-0.0245	0.0000	0.0005	2.4014	-0.0245	-0.0245
159	9	11	0.402	-0.67	0.0006	0.00	0.0004	-0.0004	0.0011	-5.3674	12.9133	-0.6503	-0.0011	-0.0011	-5.3674	12.9133	-0.6503
		11	-0.0145	0.0019	-0.0006	1.4131	17.6346	-0.0086	0.0028	-5.3674	12.9133	-0.6503	-0.0011	-0.0011	-5.3674	12.9133	-0.6503
159	10	12	0.404	-0.25	-0.0021	0.00	0.0004	-0.0004	0.0016	-5.3824	20.4110	-1.1200	0.0016	-0.0010	-5.3824	20.4110	-1.1200
		12	-0.0146	0.0018	-0.0000	1.7234	17.6346	0.0048	0.0013	-5.3824	20.4110	-1.1200	0.0016	-0.0010	-5.3824	20.4110	-1.1200
159	11	13	0.403	0.28	-0.0010	0.00	0.0059	0.0036	0.0033	3.0618	2.7891	-1.1218	0.0033	-0.0010	3.0618	2.7891	-1.1218
		13	-0.0097	0.0018	-0.0005	1.8613	5.2527	0.0048	0.0009	3.0618	2.7891	-1.1218	0.0033	-0.0010	3.0618	2.7891	-1.1218
159	12	14	0.402	1.23	-0.0011	0.00	0.0137	0.0075	0.0057	2.7593	2.1002	2.8974	0.0057	-0.0027	2.7593	2.1002	2.8974
		14	-0.0109	0.0023	-0.0011	1.9442	2.2672	-0.0048	-0.0061	2.7593	2.1002	2.8974	0.0057	-0.0027	2.7593	2.1002	2.8974
159	13	15	0.404	3.31	-0.0094	0.00	0.0173	0.0159	0.0079	4.6189	2.2890	2.2961	0.0079	-0.0114	4.6189	2.2890	2.2961
		15	-0.0386	0.0041	-0.0033	1.3312	2.2113	-0.0250	-0.0160	4.6189	2.2890	2.2961	0.0079	-0.0114	4.6189	2.2890	2.2961
160	5	16	0.698	-2.56	-0.0006	-0.00	-0.0140	-0.0116	-0.0059	4.1256	2.0978	1.7338	-0.0059	-0.0059	4.1256	2.0978	1.7338
		16	-0.0049	0.0014	-0.0010	0.8966	21.3388	0.0171	0.0116	4.1256	2.0978	1.7338	-0.0059	-0.0059	4.1256	2.0978	1.7338

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
160	6	5 7 8	0.702 -0.0057 -0.00044	-1.54 -0.0017 0.0014	-0.0012 -0.0004 -0.0004	-0.0000 1.5199 -1.6653	1.0851 0.4890	-0.0059 0.0082	-0.0065 0.0068	-0.0029 0.0026	5.5365 4.1069	2.5100 1.6174
160	7	6 7 8	0.702 -0.0038 -0.0037	-1.02 -0.0014 0.0011	-0.0006 0.0002 0.0002	-0.0000 1.8658 -1.5175	0.8330 -0.2811	-0.0020 0.0034	-0.0036 0.0036	-0.0013 0.0014	8.9777 5.2683	3.2017 2.1775
160	8	6 7 8	0.706 -0.0011 -0.0034	-0.57 -0.0006 0.0014	0.0004 -0.0004 -0.0004	-0.0000 3.0053 -2.1278	-1.8640 0.6259	0.0005 -0.0006	-0.0014 0.0010	-0.0004 0.0000	-13.7618 -7.9304	-4.0468 -0.0182
160	9	6 7 8	0.700 -0.0035 -0.0017	-0.11 -0.0015 0.0016	-0.0004 0.0004 0.0004	-0.0000 2.2084 -4.6027	0.5833 -1.1747	0.0014 -0.0000	-0.0000 0.0005	0.0000 0.0000	-0.0733 -27.9656	0.0052 -0.0182
160	10	6 7 8	0.701 -0.0037 0.0015	0.28 -0.0016 0.0024	0.0004 0.0014 0.0014	-0.0000 2.2557 7.8260	-0.5643 4.6651	0.0025 0.0015	0.0015 -0.0010	0.0008 0.0004	3.0368 -3.3377	1.6395 1.2660
160	11	6 7 8	0.702 -0.0015 0.0039	1.39 -0.0012 0.0024	0.0004 0.0020 0.0020	-0.0000 3.9482 3.0728	-1.3791 -2.6624	0.0081 -0.0054	0.0066 -0.0062	0.0027 -0.0020	4.1098 5.7302	1.6960 1.6700
162	4	6 7 8	0.700 -0.0008 0.0044	-2.63 0.0003 0.0012	-0.0006 0.0012 0.0012	-0.0000 -1.9891 1.3568	3.6423 1.4448	-0.0055 0.0105	-0.0024 0.0027	-0.0028 0.0036	2.2538 1.5128	2.5751 1.7046
162	5	6 7 8	0.701 -0.0036 0.0005	-1.60 -0.0011 0.0012	-0.0010 0.0004 0.0004	-0.0000 0.2365 10.9373	1.4371 3.6804	-0.0034 0.0067	-0.0015 0.0016	-0.0021 0.0022	2.2404 1.2635	3.0668 1.7016
162	6	6 7 8	0.703 -0.0008 0.0006	-1.10 0.0003 0.0015	-0.0009 0.0002 0.0015	-0.0000 -1.9193 11.7217	4.8014 1.5007	0.0003 0.0055	-0.0003 0.0013	-0.0006 0.0014	-4.6108 1.1197	-8.1131 -1.2785
162	7	6 7 8	0.701 0.0001 0.0011	-0.60 0.0006 0.0015	-0.0010 0.0004 0.0004	-0.0000 20.7536 6.9098	-32.5751 1.8071	0.0013 0.0005	-0.0003 0.0003	-0.0008 0.0006	-1.3916 -3.0689	-3.1470 -5.6211
162	8	6 7 8	0.701 -0.0003 -0.0006	-0.06 0.0003 0.0005	0.0000 0.0006 0.0006	-0.0000 -5.0023 -4.2549	-0.0381 -5.0642	0.0010 0.0001	-0.0005 -0.0001	-0.0002 0.0002	-2.6910 -4.9842	-1.0288 -5.6237

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
162	9	9	-0.0041	-0.0008	-0.0010	-0.0022	1.2702	0.0028	-0.0000	0.0002	-0.0743	0.3000
		8	0.0013	0.0008	0.0014	3.1323	5.4222	-0.0020	-0.0003	-0.0006	-0.0203	1.5443
162	10	9	0.692	1.40	-0.0008	-0.0000	1.4503	0.0062	0.0011	0.0015	0.9290	1.1941
		8	-0.0028	0.0006	0.0018	1.3126	3.8116	-0.0061	-0.0013	-0.0016	1.1006	1.3456
163	1	9	0.701	-4.49	-0.0019	-0.0000	1.3845	-0.0200	-0.0067	-0.0079	1.6000	1.9916
		8	-0.0070	-0.0003	0.0009	0.2519	1.9077	0.0406	0.0062	0.0137	0.7713	1.6050
163	2	9	0.700	-2.59	-0.0008	-0.0000	1.0150	-0.0159	-0.0030	-0.0059	0.9656	1.8690
		8	-0.0042	-0.0001	0.0009	0.1934	4.1069	0.0174	0.0032	0.0059	0.9324	1.7131
163	3	9	0.699	-1.64	-0.0015	-0.0000	1.4431	-0.0100	-0.0022	-0.0041	1.1116	2.0751
		8	-0.0052	-0.0001	0.0006	-2.2614	-1.5809	0.0136	0.0021	0.0042	0.8056	1.5554
163	4	9	0.698	-1.12	-0.0008	-0.0000	1.1499	-0.0059	-0.0015	-0.0021	1.3002	1.8243
		8	-0.0037	-0.0001	0.0010	-4.2349	-5.0642	0.0081	0.0013	0.0027	0.8201	1.6752
163	5	9	0.700	-0.55	-0.0006	-0.0000	0.7089	0.0000	-0.0005	-0.0004	-29.6129	-23.3063
		8	-0.0044	-0.0003	0.0012	-58.4887	-84.6567	0.0057	0.0008	0.0018	0.7099	1.6227
163	6	9	0.702	-0.10	-0.0008	-0.0000	0.8547	0.0025	-0.0002	0.0000	-0.4257	0.0054
		8	-0.0048	-0.0003	0.0016	3.1263	5.1448	0.0026	0.0001	0.0008	0.2677	1.5439
163	7	9	0.705	-0.30	-0.0008	-0.0000	1.0644	0.0061	0.0006	0.0006	0.5363	0.5467
		8	-0.0040	-0.0003	0.0019	2.0590	3.2877	-0.0004	-0.0005	0.0002	6.7161	-2.6160
163	8	9	0.700	1.36	-0.0004	-0.0000	0.7730	0.0124	0.0014	0.0026	0.5975	1.0666
		8	-0.0028	-0.0001	0.0021	1.3113	4.2607	-0.0071	-0.0015	-0.0019	1.1006	1.3456
163	9	9	0.700	5.42	-0.0012	-0.0000	1.0550	0.0320	0.0047	0.0094	0.7334	1.4764
		8	-0.0061	-0.0007	0.0026	0.8561	2.7087	-0.0241	-0.0040	-0.0082	0.8359	1.7121

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
164	1	6 7 8	0.703 -0.0045 0.0065	-4.44 0.0000 0.0006	-0.0010 0.0035	-0.0169 0.4710	1.2155 2.6989	-0.0567 0.0636	-0.0056 0.0056	-0.0202 0.0212	0.5000 0.4463	1.7837 1.6704
164	2	6 7 8	0.702 -0.0053 0.0048	-2.55 -0.0001 0.0014	-0.0015 0.0024	-0.1674 1.4598	1.4431 2.5213	-0.0332 0.0340	-0.0039 0.0038	-0.0119 0.0112	0.5988 0.5651	1.7906 1.6601
164	3	6 7 8	0.703 -0.0050 0.0042	-1.67 0.0000 0.0010	-0.0013 0.0024	-0.0133 1.2328	1.3128 2.8900	-0.0203 0.0227	-0.0026 0.0023	-0.0074 0.0078	0.6532 0.5066	1.8056 1.7174
164	4	6 7 8	0.701 -0.0050 0.0042	-0.99 0.0000 0.0010	-0.0015 0.0024	-0.0052 1.2328	1.5309 2.8900	-0.0105 0.0165	-0.0015 0.0016	-0.0045 0.0052	0.7229 0.4990	2.1321 1.5726
154	5	6 7 8	0.701 -0.0064 0.0042	-0.51 -0.0005 0.0010	-0.0010 0.0022	-0.4085 1.2338	0.8511 2.6177	-0.0023 0.0081	-0.0005 0.0002	-0.0017 0.0025	1.1247 0.1640	3.8488 1.6022
164	6	6 7 8	0.702 -0.0068 0.0046	-0.01 -0.0005 0.0010	-0.0015 0.0026	-0.3851 1.0942	1.1072 2.8233	0.0055 0.0012	-0.0004 0.0007	0.0004 0.0008	0.4072 -3.0179	0.3843 3.3885
164	7	6 7 8	0.702 -0.0063 0.0046	0.37 -0.0005 0.0010	-0.0015 0.0026	-0.4195 1.0942	1.1937 2.8233	0.0095 -0.0035	0.0006 -0.0008	0.0022 -0.0006	0.3168 1.2711	1.1673 0.9121
164	8	6 7 8	0.702 -0.0055 0.0048	1.46 -0.0003 0.0008	-0.0013 0.0026	-0.3149 0.8561	1.1699 2.7087	0.0254 -0.0155	0.0026 -0.0021	0.0071 -0.0055	0.5144 0.6907	1.4033 1.7753
164	9	6 7 8	0.701 -0.0068 0.0037	3.39 -0.0005 0.0004	-0.0013 0.0024	-0.3800 0.6295	0.9483 3.2070	0.0516 -0.0424	0.0048 -0.0045	0.0158 -0.0143	0.4684 0.5376	1.5319 1.6932
165	1	6 7 8	0.701 -0.0054 0.0050	-4.49 0.0000 0.0006	-0.0013 0.0028	-0.0077 0.6141	1.1933 2.8284	-0.0705 0.0735	-0.0059 0.0060	-0.0234 0.0239	0.4233 0.4126	1.6638 1.6249
165	2	6 7 8	0.702 -0.0057 0.0050	-2.55 -0.0001 0.0006	-0.0017 0.0026	-0.1545 0.6368	1.5069 2.5032	-0.0361 0.0397	-0.0037 0.0035	-0.0122 0.0133	0.5138 0.4439	1.6971 1.6735

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
165	3	9	0.793	-1.49	-0.0013	-0.0012	1.6396	-0.0185	-0.0019	-0.0073	0.5191	1.9718
		8	-0.0039	0.0000	0.0028	0.8540	2.9436	0.0237	0.0018	0.0083	0.3953	1.7531
		7	0.0048	0.0008								
165	4	9	0.701	-1.00	-0.0012	0.1602	1.2373	-0.0121	-0.0016	-0.0046	0.6829	1.9133
		8	-0.0052	0.0008	0.0021	1.2633	3.2428	0.0158	0.0010	0.0055	0.3365	1.7494
		7	0.0033	0.0008								
165	5	9	0.700	-0.53	-0.0012	0.2585	0.9923	-0.0029	-0.0008	-0.0006	1.4949	1.1209
		8	-0.0064	0.0003	0.0023	1.2328	2.8900	0.0081	0.0000	0.0027	0.0444	1.6956
		7	0.0041	0.0010								
165	6	9	0.701	-0.02	-0.0019	0.4091	1.1289	0.0048	0.0004	0.0000	0.5043	0.0049
		8	-0.0085	0.0009	0.0030	0.8126	2.5017	0.0030	-0.0005	0.0014	-0.9926	2.4642
		7	0.0060	0.0009								
165	7	9	0.701	0.38	-0.0014	0.3553	1.0323	0.0108	0.0005	0.0028	0.2643	1.3157
		8	-0.0072	0.0008	0.0028	0.7697	2.5671	-0.0059	-0.0011	-0.0018	1.0019	1.5964
		7	0.0052	0.0008								
165	8	9	0.702	-1.33	-0.0010	0.1529	1.0305	0.0261	0.0021	0.0076	0.4144	1.4577
		8	-0.0051	0.0008	0.0027	0.7697	2.6671	-0.0177	-0.0020	-0.0060	0.5878	1.7092
		7	0.0052	0.0008								
165	9	9	0.700	3.51	-0.0019	0.4969	1.0907	0.0654	0.0048	0.0207	0.3718	1.5820
		8	-0.0087	0.0005	0.0034	0.4342	2.5056	-0.0053	-0.0048	-0.0182	0.4468	1.6903
		7	0.0068	0.0005								
166	1	9	0.700	-4.50	-0.0017	0.4000	3.9756	-0.0914	-0.0050	-0.0318	0.2772	1.7399
		8	-0.0021	0.0010	0.0036	0.4696	1.8454	0.0946	0.0044	0.0323	0.2375	1.7084
		7	0.0098	0.0009								
166	2	9	0.700	-2.52	-0.0019	0.6216	2.2924	-0.0479	-0.0035	-0.0163	0.3751	1.7035
		8	-0.0041	0.0007	0.0042	0.6216	1.6514	0.0515	0.0027	0.0178	0.2644	1.7304
		7	0.0130	0.0016								
166	3	9	0.699	-1.49	-0.0015	0.5565	2.3270	-0.0257	-0.0019	-0.0094	0.3802	1.8245
		8	-0.0032	0.0007	0.0038	0.5565	1.6873	0.0302	0.0014	0.0105	0.2319	1.7471
		7	0.0115	0.0012								
166	4	9	0.701	-1.13	-0.0014	0.5923	3.0703	-0.0195	-0.0020	-0.0067	0.5272	1.7305
		8	-0.0024	0.0008	0.0038	0.5923	1.5787	0.0229	0.0009	0.0082	0.2068	1.7909
		7	0.0122	0.0014								

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key										
166	5	b	0.700 -0.0057 0.0118	-0.54 0.0003 0.0014	-0.0017 0.0036	-0.3241 0.6200	1.4857 1.5514	-0.0068 0.0092	-0.0011 -0.0001	-0.0024 0.0038	0.8591 -0.0754	1.7589 2.0592	
166	6	a	0.700 -0.0053 0.0115	-0.05 0.0003 0.0012	-0.0017 0.0041	-0.3480 0.5553	1.6230 1.7831	0.0051 0.0018	0.0001 -0.0003	0.0008 0.0008	0.1042 -1.0672	0.8555 2.2934	
166	7	f	0.701 -0.0065 0.0123	0.46 0.0001 0.0014	-0.0021 0.0041	0.00 0.1407 0.5911	1.6329 1.6632	0.0124 -0.0076	0.0009 -0.0010	0.0030 -0.0018	0.3705 0.6543	1.2381 1.2394	
166	8	b	0.700 -0.0040 0.0127	1.50 0.0005 0.0016	-0.0012 0.0041	-0.6885 0.6487	1.6066 1.6285	0.0328 -0.0258	0.0015 -0.0020	0.0103 -0.0084	0.2340 0.3887	1.5789 1.6412	
166	9	b	0.698 -0.0059 0.0112	3.62 0.0000 0.0013	-0.0012 0.0037	-0.00 0.0214 0.5847	1.0936 1.6628	0.0789 -0.0706	0.0042 -0.0048	0.0257 -0.0230	0.2664 0.3462	1.6327 1.6337	
166	10	b	0.700 -0.0032 0.0120	-0.56 0.0007 0.0014	-0.0015 0.0037	-0.00 -1.1078 0.6200	2.3270 1.5514	-0.0094 0.0110	-0.0015 -0.0003	-0.0035 0.0047	0.8045 -0.1606	1.8757 2.1365	
167	4	b	0.901 -0.0089 0.0234	-4.32 -0.0005 0.0004	-0.0027 0.0080	-0.00 0.2883 0.0887	1.5470 1.7207	-0.0067 0.0339	-0.0060 0.0069	-0.0039 0.0108	4.5063 1.0263	2.8884 1.6024	
167	5	b	0.902 -0.0047 0.0000	-2.40 0.0008 0.0000	-0.0013 0.0004	0.3954 92.6704	1.4233 46.8997	-0.0092 0.0159	-0.0027 0.0036	-0.0038 0.0050	1.4593 1.1487	2.0811 1.5989	
167	6	b	0.900 -0.0033 -0.0019	-1.42 -0.0001 0.0011	-0.0013 -0.0000	-0.00 0.2065 -3.0202	2.0422 0.0171	-0.0031 0.0108	-0.0011 0.0019	-0.0019 0.0032	1.7532 0.8783	3.1552 1.5044	
167	7	b	0.901 -0.0041 -0.0011	-0.95 -0.0002 0.0010	-0.0014 0.0002	-0.00 0.3083 -4.5896	1.7871 -1.3217	-0.0011 0.0072	-0.0007 0.0010	-0.0010 0.0023	3.1164 0.7172	4.4373 1.6176	
167	8	b	0.900 -0.0027 0.0003	-0.45 -0.0000 0.0008	-0.0011 0.0004	-0.00 0.0186 11.1961	2.1791 5.6919	0.0019 0.0043	-0.0002 0.0009	0.0000 0.0011	-0.7312 1.1007	0.0056 1.3481	

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key										
167	9	6 7 8	-0.0035 -0.0010 0.0008	-0.0008 0.0007 0.0008	0.05 -0.0001 0.0008	-0.0007 0.0007 0.0007	-0.0008 0.1602 4.0852	1.2373 3.5253 0.0020	0.0040 0.0002 0.0002	0.0001 0.0002 0.0002	0.0007 0.0004 0.0004	0.2363 0.5435 0.9281	0.5435 1.0394 1.0394
167	10	6 7 8	-0.0027 -0.0024 0.0008	-0.0010 0.0015 0.0015	0.49 -0.0000 0.0008	-0.0010 0.0015 0.0015	-0.0008 1.7579 1.7579	1.9102 3.1428 -0.0012	0.0070 -0.0012 -0.0001	0.0006 -0.0001 -0.0001	0.0012 -0.0002 -0.0002	0.4778 0.4563 0.8773	0.4563 1.1923 1.1923
167	11	6 7 8	-0.0022 0.0038 0.0000	-0.0010 0.0010 0.0010	1.60 -0.0001 0.0010	-0.0009 0.0018 0.0018	-0.0008 1.4090 1.4090	1.9800 2.3598 -0.0052	0.0111 -0.0052 -0.0010	0.0019 -0.0010 -0.0010	0.0029 -0.0022 -0.0022	0.8560 1.0153 1.3140	1.0153 2.1268 2.1268
167	12	6 7 8	-0.0078 0.0056 0.0000	-0.0026 0.0025 0.0025	3.52 -0.0000 0.0009	-0.0026 0.0025 0.0025	-0.0008 0.0013 0.0013	1.7103 2.2715 -0.0134	0.0202 -0.0039 -0.0039	0.0056 -0.0039 -0.0039	0.0064 -0.0056 -0.0056	1.3856 1.4757 1.5834	1.4757 2.0828 2.0828
168	1	6 7 8	-0.0077 0.0023 0.0000	-0.0030 0.0081 0.0081	4.28 -0.0003 0.0001	-0.0030 0.0081 0.0081	-0.0008 -0.0232 -0.0232	1.9693 1.8214 0.0295	-0.0073 0.0071 0.0071	-0.0108 0.0168 0.0168	1.2473 0.6933 1.6198	1.2473 0.6933 1.6198	
168	2	6 7 8	-0.0051 0.0005 0.0000	-0.0018 0.0009 0.0009	2.40 -0.0002 0.0014	-0.0018 0.0009 0.0009	-0.0008 1.6577 1.6577	1.7743 8.8702 -0.0200	-0.0043 0.0040 0.0040	-0.0077 0.0082 0.0082	0.8894 0.8325 1.9266	0.8894 0.8325 1.9266	
168	3	6 7 8	-0.0038 0.0007 0.0000	-0.0016 0.0010 0.0010	1.41 -0.0003 0.0011	-0.0016 0.0010 0.0010	-0.0008 7.2892 7.2892	2.1480 6.8259 0.0153	-0.0019 0.0024 0.0024	-0.0046 0.0050 0.0050	0.9891 0.8104 2.3927	0.9891 0.8104 2.3927	
168	4	6 7 8	-0.0047 0.0025 0.0000	-0.0019 0.0015 0.0015	0.91 -0.0002 0.0013	-0.0019 0.0015 0.0015	-0.0008 2.6626 2.6626	2.0583 2.9599 0.0114	-0.0013 0.0016 0.0016	-0.0024 0.0038 0.0038	1.4656 0.7136 2.6789	1.4656 0.7136 2.6789	
168	5	6 7 8	-0.0026 0.0026 0.0000	-0.0013 0.0015 0.0015	0.42 -0.0004 0.0009	-0.0013 0.0015 0.0015	-0.0008 1.8590 1.8590	2.5904 2.8899 0.0058	-0.0011 0.0008 0.0008	-0.0023 0.0023 0.0023	2.5837 0.6863 2.0213	2.5837 0.6863 2.0213	
168	6	6 7 8	-0.0051 0.0041 0.0000	-0.0017 0.0021 0.0021	0.15 -0.0000 0.0010	-0.0017 0.0021 0.0021	-0.0008 1.2877 1.2877	1.7480 2.5385 0.0008	0.0003 -0.0001 -0.0001	0.0009 0.0004 0.0004	0.2643 -0.8740 0.8084	0.2643 -0.8740 0.8084	
168	7	6 7 8	-0.0042 0.0046 0.0000	-0.0016 0.0022 0.0022	0.49 -0.0001 0.0011	-0.0016 0.0022 0.0022	-0.0008 1.2662 1.2662	1.9382 2.4048 -0.0027	0.0006 -0.0027 -0.0006	0.0021 -0.0021 -0.0021	0.3705 1.1069 1.2381	0.3705 1.1069 1.2381	

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
168	8	6 7 8	0.900 -0.0019 0.0053	1.40 0.0002 0.0011	-0.0011 0.0023	-0.5875 1.0975	2.9993 2.2412	0.0176 -0.0090	0.0017 -0.0015	0.0048 -0.0033	0.5032 0.8322	1.3766 1.8662					
168	9	6 7 8	0.900 -0.0052 0.0073	3.65 0.0001 0.0011	-0.0020 0.0029	-0.000 0.7762	1.9852 2.0349	0.0435 -0.0354	0.0055 -0.0052	0.0136 -0.0119	0.6394 0.7423	1.5614 1.6832					
169	1	6 7 8	0.900 -0.0061 0.0093	-4.40 0.0006 0.0012	-0.0027 0.0039	-0.000 0.4978 0.6692	2.1868 2.1116	-0.0563 0.0650	-0.0070 0.0072	-0.0204 0.0219	0.6269 0.5589	1.8112 1.6829					
169	2	6 7 8	0.901 -0.0037 0.0042	-2.46 0.0006 0.0013	-0.0014 0.0019	-0.000 0.8381 1.5673	1.9948 2.3099	-0.0307 0.0328	-0.0041 0.0045	-0.0113 0.0113	0.6693 0.6858	1.8391 1.7303					
169	3	6 7 8	0.902 -0.0035 0.0032	-1.36 0.0007 0.0009	-0.0014 0.0019	-0.000 1.0634 1.4594	2.1118 2.9991	-0.0148 0.0206	-0.0021 0.0030	-0.0064 0.0070	0.7371 0.7317	2.1583 1.7155					
169	4	6 7 8	0.902 -0.0042 0.0057	-0.94 0.0007 0.0014	-0.0019 0.0025	-0.000 0.8792 1.2354	2.2970 2.2130	-0.0086 0.0144	-0.0015 0.0018	-0.0041 0.0051	0.8831 0.6311	2.3895 1.7807					
169	5	6 7 8	0.900 -0.0040 0.0061	-0.43 0.0008 0.0014	-0.0019 0.0025	-0.000 1.0792 1.1634	2.4152 2.0886	-0.0020 0.0078	-0.0008 0.0007	-0.0015 0.0030	2.0863 0.4904	1.9876 1.9657					
169	6	6 7 8	0.902 -0.0035 0.0047	0.01 0.0007 0.0010	-0.0014 0.0023	-0.000 1.0634 1.0960	2.1118 2.4988	0.0049 0.0003	0.0000 -0.0003	0.0006 0.0009	0.0554 -5.3855	0.6217 11.8856					
169	7	6 7 8	0.901 -0.0044 0.0052	0.58 0.0006 0.0009	-0.0016 0.0025	-0.000 0.7127 0.8708	1.8565 2.1194	0.0120 -0.0062	0.0008 -0.0010	-0.0030 -0.0013	0.3497 0.6217	1.2652 1.0455					
169	8	6 7 8	0.901 -0.0039 0.0061	1.53 0.0007 0.0010	-0.0017 0.0029	-0.000 0.9585 0.8378	2.3074 2.4453	0.0255 -0.0175	0.0024 -0.0022	0.0074 -0.0055	0.4740 0.6486	1.4551 1.3812					
169	9	6 7 8	0.901 -0.0047 0.0065	3.58 0.0006 0.0008	-0.0019 0.0023	-0.000 0.6531 0.6778	2.0346 2.2687	0.0574 -0.0482	0.0058 -0.0054	0.0175 -0.0157	0.5117 0.5675	1.5290 1.6312					

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key															
170	1	6	0.902	-0.0024	-0.0016	-0.0014	-0.0024	-2.8483	0.0014	0.0014	-4.39	0.0016	-0.0024	-0.0014	0.0014	0.0014	0.0014	0.0014
		7	-0.0028	0.0034	0.0014	0.0014	0.0034	-2.8483	0.0014	0.0014	-4.39	0.0016	-0.0024	-0.0014	0.0014	0.0014	0.0014	0.0014
		8	0.00104	0.0034	0.0014	0.0014	0.0034	0.7189	0.0014	0.0014	0.0014	0.0014	0.0034	0.0014	0.0014	0.0014	0.0014	0.0014
170	2	5	0.901	-0.0015	-0.0017	-0.0018	-0.0021	-5.4521	0.0018	0.0018	-2.29	0.0017	-0.0021	-0.0018	0.0018	0.0018	0.0018	0.0018
		6	-0.0011	0.0036	0.0018	0.0018	0.0036	0.8485	0.0018	0.0018	0.0018	0.0018	0.0036	0.0018	0.0018	0.0018	0.0018	0.0018
170	3	6	0.900	-0.0026	-0.0017	-0.0020	-0.0024	-3.3139	0.0020	0.0020	-1.42	0.0017	-0.0024	-0.0020	0.0020	0.0020	0.0020	0.0020
		7	-0.00120	0.0038	0.0020	0.0020	0.0038	0.8343	0.0020	0.0020	0.0020	0.0020	0.0038	0.0020	0.0020	0.0020	0.0020	0.0020
		8	0.00120	0.0038	0.0020	0.0020	0.0038	0.8343	0.0020	0.0020	0.0020	0.0020	0.0038	0.0020	0.0020	0.0020	0.0020	0.0020
170	4	6	0.900	-0.0019	-0.0018	-0.0015	-0.0019	-25.5764	0.0015	0.0015	-0.97	0.0018	-0.0019	-0.0015	0.0015	0.0015	0.0015	0.0015
		7	-0.0003	0.0035	0.0018	0.0015	0.0035	0.7449	0.0015	0.0015	0.0015	0.0015	0.0035	0.0015	0.0015	0.0015	0.0015	0.0015
		8	0.00102	0.0035	0.0018	0.0015	0.0035	0.7449	0.0015	0.0015	0.0015	0.0015	0.0035	0.0015	0.0015	0.0015	0.0015	0.0015
170	5	6	0.901	-0.0027	-0.0015	-0.0020	-0.0024	-2.7446	0.0020	0.0020	-0.47	0.0015	-0.0024	-0.0020	0.0020	0.0020	0.0020	0.0020
		7	-0.00125	0.0040	0.0020	0.0020	0.0040	0.8091	0.0020	0.0020	0.0020	0.0020	0.0040	0.0020	0.0020	0.0020	0.0020	0.0020
		8	0.00125	0.0040	0.0020	0.0020	0.0040	0.8091	0.0020	0.0020	0.0020	0.0020	0.0040	0.0020	0.0020	0.0020	0.0020	0.0020
170	6	6	0.901	-0.0016	-0.0015	-0.0016	-0.0019	-4.4699	0.0016	0.0016	0.12	0.0015	-0.0019	-0.0016	0.0016	0.0016	0.0016	0.0016
		7	-0.0011	0.0038	0.0016	0.0016	0.0038	0.7371	0.0016	0.0016	0.0016	0.0016	0.0038	0.0016	0.0016	0.0016	0.0016	0.0016
		8	0.0011	0.0038	0.0016	0.0016	0.0038	0.7371	0.0016	0.0016	0.0016	0.0016	0.0038	0.0016	0.0016	0.0016	0.0016	0.0016
170	7	6	0.902	-0.0031	-0.0012	-0.0020	-0.0022	-1.9891	0.0020	0.0020	0.48	0.0012	-0.0022	-0.0020	0.0020	0.0020	0.0020	0.0020
		7	-0.00131	0.0043	0.0020	0.0020	0.0043	0.7624	0.0020	0.0020	0.0020	0.0020	0.0043	0.0020	0.0020	0.0020	0.0020	0.0020
		8	0.00131	0.0043	0.0020	0.0020	0.0043	0.7624	0.0020	0.0020	0.0020	0.0020	0.0043	0.0020	0.0020	0.0020	0.0020	0.0020
170	8	6	0.902	-0.0014	-0.0012	-0.0016	-0.0016	-4.4622	0.0016	0.0016	1.50	0.0012	-0.0016	-0.0016	0.0016	0.0016	0.0016	0.0016
		7	-0.00125	0.0039	0.0016	0.0016	0.0039	0.6491	0.0016	0.0016	0.0016	0.0016	0.0039	0.0016	0.0016	0.0016	0.0016	0.0016
		8	0.00125	0.0039	0.0016	0.0016	0.0039	0.6491	0.0016	0.0016	0.0016	0.0016	0.0039	0.0016	0.0016	0.0016	0.0016	0.0016
170	9	6	0.901	-0.0019	-0.0011	-0.0012	-0.0019	-2.8351	0.0012	0.0012	3.50	0.0011	-0.0019	-0.0012	0.0012	0.0012	0.0012	0.0012
		7	-0.00139	0.0049	0.0012	0.0012	0.0049	0.4324	0.0012	0.0012	0.0012	0.0012	0.0049	0.0012	0.0012	0.0012	0.0012	0.0012
		8	0.00139	0.0049	0.0012	0.0012	0.0049	0.4324	0.0012	0.0012	0.0012	0.0012	0.0049	0.0012	0.0012	0.0012	0.0012	0.0012
170	10	6	0.902	-0.0000	-0.0018	-0.0017	-0.0019	-0.0000	0.0018	0.0018	-0.49	0.0018	-0.0019	-0.0017	0.0018	0.0018	0.0018	0.0018
		7	-0.00106	0.0035	0.0017	0.0017	0.0035	0.8354	0.0017	0.0017	0.0017	0.0017	0.0035	0.0017	0.0017	0.0017	0.0017	0.0017
		8	0.00106	0.0035	0.0017	0.0017	0.0035	0.8354	0.0017	0.0017	0.0017	0.0017	0.0035	0.0017	0.0017	0.0017	0.0017	0.0017
171	2	6	1.001	-0.0056	-0.0010	-0.0010	-0.0026	-0.9276	0.0010	0.0010	-4.23	0.0010	-0.0026	-0.0010	0.0010	0.0010	0.0010	0.0010
		7	-0.00294	0.0099	0.0010	0.0010	0.0099	0.1864	0.0010	0.0010	0.0010	0.0010	0.0099	0.0010	0.0010	0.0010	0.0010	0.0010
		8	0.00294	0.0099	0.0010	0.0010	0.0099	0.1864	0.0010	0.0010	0.0010	0.0010	0.0099	0.0010	0.0010	0.0010	0.0010	0.0010

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
171	3	6 7 8	1.001 -0.0010 0.0001	-2.22 0.0012 0.0012	-0.0012 0.0008 0.0008	-0.0000 -5.9125 43.2910	5.8455 28.0401	-0.0107 0.0118	-0.0038 0.0034	-0.0049 0.0050	1.8000 1.4659	2.3011 2.1411
171	4	6 7 8	1.001 -0.0018 -0.0002	-1.30 0.0011 0.0014	-0.0015 0.0006 0.0006	-0.0000 -3.0210 -25.0158	4.0247 12.2319	-0.0066 0.0045	-0.0027 0.0020	-0.0030 0.0035	2.0500 1.2214	2.3200 2.0629
171	5	6 7 8	1.002 -0.0009 0.0007	-0.82 0.0011 0.0016	-0.0012 0.0008 0.0008	-0.0000 -6.0260 11.1961	6.5841 5.6919	-0.0027 0.0064	-0.0017 0.0014	-0.0019 0.0028	3.0929 1.0921	3.5187 2.1979
171	6	6 7 8	1.002 -0.0003 0.0013	-0.30 0.0011 0.0012	-0.0009 0.0010 0.0010	-0.0000 -18.3084 4.4897	15.5347 3.9420	-0.0015 0.0019	-0.0013 0.0009	-0.0012 0.0016	4.2886 2.5612	3.8876 4.1599
171	7	6 7 8	1.002 -0.0005 0.0032	0.19 0.0013 0.0014	-0.0010 0.0014 0.0014	-0.0000 -12.3445 2.1924	9.9351 2.2732	0.0017 0.0000	-0.0008 0.0004	-0.0002 0.0007	-2.3899 25.1832	-0.7787 45.7423
171	8	6 7 8	1.002 -0.0007 0.0039	0.68 0.0009 0.0012	-0.0010 0.0017 0.0017	-0.0000 -6.2597 1.6355	6.7545 2.2010	0.0051 -0.0026	-0.0004 -0.0000	0.0005 -0.0002	-0.4079 0.1716	0.5305 0.4843
171	9	6 7 8	1.001 -0.0008 0.0046	1.65 0.0007 0.0013	-0.0007 0.0021 0.0021	-0.0000 -4.5765 1.4722	4.7312 2.2668	0.0119 -0.0075	0.0012 -0.0012	0.0027 -0.0022	0.5453 0.8216	1.1353 1.4560
171	10	6 7 8	1.004 0.0006 0.0053	5.73 0.0010 0.0015	-0.0006 0.0021 0.0021	-0.0000 9.0051 1.4923	-5.4733 1.9819	0.0237 -0.0138	0.0052 -0.0048	0.0069 -0.0048	1.1094 1.7736	1.1632 1.7694
172	1	6 7 8	1.003 -0.0062 0.0314	-4.33 0.0009 0.0005	-0.0028 0.0105 0.0105	-0.0000 -0.7939 0.0849	2.2331 1.6704	-0.0179 0.0444	-0.0087 0.0079	-0.0081 0.0152	2.4381 0.8983	2.2699 1.7138
172	2	6 7 8	1.000 -0.0026 0.0003	-2.22 0.0009 0.0015	-0.0014 0.0007 0.0007	-0.0000 -1.9160 20.0036	2.8128 10.1465	-0.0182 0.0187	-0.0042 0.0042	-0.0070 0.0069	1.1687 1.1332	1.9328 1.8544
172	3	6 7 8	1.001 -0.0013 0.0002	-1.31 0.0012 0.0014	-0.0013 0.0007 0.0007	-0.0000 -4.5518 35.3016	5.0044 19.2876	-0.0108 0.0118	-0.0031 0.0027	-0.0044 0.0046	1.4361 1.1533	2.0526 1.9745

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
172	4	6 7 8	1.000 -0.0010 0.00018	-0.0012 0.0015 0.00015	-0.0011 0.0011 0.00011	-0.0011 5.9122 4.0722	5.8455 3.1558 0.0092	-0.0056 0.0021 0.0021	-0.0030 0.0033 0.0033	1.9273 1.1335 1.1335	2.7465 1.8187 1.8187						
172	5	6 7 8	1.000 -0.0005 0.00038	-0.0031 0.0013 0.00016	-0.0013 0.0015 0.00013	-0.0013 11.9304 2.0965	12.1073 2.0547 0.0052	-0.0015 0.0011 0.0011	-0.0016 0.0023 0.0023	4.0799 1.0918 1.0918	4.2342 2.2271 2.2271						
172	6	6 7 8	1.001 -0.0016 0.00041	0.0018 0.0009 0.00015	-0.0010 0.0018 0.00018	-0.0010 2.9685 1.9423	3.1576 2.2330 0.0021	-0.0008 0.0007 0.0007	-0.0003 0.0010 0.0010	-1.7842 1.7413 1.7413	-0.8644 -2.4246 -2.4246						
172	7	6 7 8	1.000 -0.0010 0.00040	0.0009 0.0013 0.00013	-0.0011 0.0019 0.00019	-0.0011 4.5088 1.6983	5.4785 2.4364 -0.0029	-0.0003 -0.0003 -0.0003	-0.0011 -0.0003 -0.0003	-0.2514 0.5191 0.5191	0.9392 0.6444 0.6444						
172	8	6 7 8	1.001 0.0010 0.00057	1.62 0.0009 0.00016	-0.0006 0.0021 0.00021	-0.0006 4.7931 1.4097	-3.2771 1.8756 -0.0093	0.0010 -0.0013 -0.0013	0.0034 -0.0028 -0.0028	0.3736 0.7192 0.7192	1.2144 1.5444 1.5444						
172	9	6 7 8	1.002 -0.0007 0.00069	3.63 0.0012 0.00018	-0.0012 0.0024 0.00024	-0.0012 8.3092 1.3033	8.2480 1.7255 -0.0260	0.0054 -0.0051 -0.0051	-0.0093 -0.0083 -0.0083	0.8207 0.9894 0.9894	1.4129 1.6031 1.6031						
173	1	6 7 8	1.001 -0.0006 0.00055	-4.32 0.0014 0.00016	-0.0016 0.0023 0.00023	-0.0016 10.4394 1.4922	11.7785 2.1094 0.0737	-0.0094 0.0107 0.0107	-0.0263 0.0255 0.0255	0.6410 0.7172 0.7172	1.7880 1.6987 1.6987						
173	2	6 7 8	1.002 -0.0023 0.00057	-2.39 0.0010 0.00017	-0.0019 0.0023 0.00023	-0.0019 2.1044 1.5430	4.0158 2.0390 0.0402	-0.0059 0.0071 0.0071	-0.0143 0.0138 0.0138	0.7701 0.8811 0.8811	1.8655 1.7215 1.7215						
173	3	6 7 8	1.003 -0.0013 0.00067	-1.33 0.0012 0.00019	-0.0017 0.0026 0.00026	-0.0017 4.2449 1.4779	6.4114 1.9424 0.0227	-0.0035 0.0041 0.0041	-0.0083 0.0083 0.0083	0.8625 0.9210 0.9210	2.0448 1.8318 1.8318						
173	4	6 7 8	1.002 -0.0015 0.00068	-0.82 0.0011 0.00018	-0.0017 0.0027 0.00027	-0.0017 3.5347 1.3648	5.6442 2.0106 0.0154	-0.0019 0.0027 0.0027	-0.0055 0.0057 0.0057	0.9099 0.9071 0.9071	2.6296 1.8811 1.8811						
173	5	6 7 8	1.002 -0.0010 0.00063	-0.32 0.0012 0.00017	-0.0016 0.0024 0.00024	-0.0016 5.7196 1.3855	7.6452 1.9483 0.0073	-0.0017 0.0011 0.0011	-0.0032 0.0033 0.0033	1.4033 0.7931 0.7931	2.5405 2.3087 2.3087						

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
173	6	6	1.002	0.13	-0.0012	-0.0260	6.5841	0.0013	-0.0007	-0.0005	-2.6615	-2.0442
	7	6	-0.0009	0.0611	0.0023	1.3857	1.8373	0.0008	-0.0000	0.0013	-0.1918	-7.6328
	8	6	0.0063	0.0017								
173	7	6	1.002	0.64	-0.0016	-0.0000	4.3758	0.0095	0.0004	0.0021	0.2314	1.0963
	7	6	-0.0018	0.0011	0.0027	1.3027	1.9222	-0.0065	-0.0008	-0.0012	0.6596	0.9215
	8	6	0.0071	0.0018								
173	8	6	1.004	1.72	-0.0013	-0.0000	5.0044	0.0257	0.0027	0.0071	0.5418	1.3866
	7	6	-0.0013	0.0012	0.0026	1.3030	1.8237	-0.0226	-0.0033	-0.0063	0.7308	1.3955
	8	6	0.0071	0.0018								
173	9	6	1.004	3.72	-0.0020	-0.0000	3.4133	0.0663	0.0073	0.0201	0.5541	1.5188
	7	6	-0.0030	0.0010	0.0037	0.8170	2.0558	-0.0560	-0.0069	-0.0181	0.6240	1.6223
	8	6	0.0090	0.0014								
174	1	6	1.001	-4.40	-0.0030	-0.0000	9.0539	-0.1194	-0.0037	-0.0410	0.1549	1.7196
	7	6	-0.0016	0.0035	0.0037	0.5551	1.3217	0.1266	0.0002	0.0445	0.0095	1.7571
	8	6	0.0142	0.0014								
174	2	6	1.003	-2.28	-0.0031	-0.0000	17.1953	-0.0555	-0.0056	-0.0191	0.5109	1.7279
	7	6	-0.0009	0.0039	0.0047	0.6219	1.4445	0.0616	0.0021	0.0223	0.1753	1.8102
	8	6	0.0162	0.0014								
174	3	6	1.003	-1.51	-0.0031	-0.0000	11.1602	-0.0312	-0.0039	-0.0110	0.6315	1.7662
	7	6	-0.0014	0.0038	0.0045	0.6493	1.3735	0.0344	0.0006	0.0137	0.0942	1.9961
	8	6	0.0165	0.0019								
174	4	6	1.001	-0.80	-0.0033	-0.0000	10.6979	-0.0183	-0.0033	-0.0069	0.9115	1.9065
	7	6	-0.0015	0.0039	0.0041	0.9057	1.4015	0.0212	-0.0002	0.0091	-0.0502	2.1568
	8	6	0.0147	0.0016								
174	5	6	1.003	-0.30	-0.0032	-0.0000	8.0879	-0.0070	-0.0029	-0.0025	2.0953	1.7868
	7	6	-0.0020	0.0038	0.0046	0.5689	1.4323	0.0110	-0.0010	0.0060	-0.4580	2.7514
	8	6	0.0163	0.0018								
174	6	6	1.002	0.15	-0.0034	-0.0000	8.3963	0.0042	-0.0024	0.0005	-2.8667	0.6668
	7	6	-0.0020	0.0038	0.0044	0.5345	1.4354	0.0002	-0.0009	0.0022	-18.0743	42.4533
	8	6	0.0153	0.0016								
174	7	6	1.002	0.63	-0.0028	-0.0000	11.2417	0.0166	-0.0022	0.0051	-0.6762	1.5459
	7	6	-0.0012	0.0037	0.0041	0.6419	1.3723	-0.0128	-0.0015	-0.0023	0.6246	0.9354
	8	6	0.0150	0.0016								

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
174	8	6 7 8	1.0022 -0.0022 0.0157	1.66 0.0037 0.0018	-0.0032 0.0045 0.0000	-0.0000 -0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	1.6236 1.4115
174	9	6 7 8	1.0003 -0.0013 0.0140	3.56 0.0035 0.0014	-0.0028 0.0041 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	1.6231 1.5683
174	10	6 7 8	1.0002 -0.0006 0.0159	-0.0034 0.0039 0.0022	-0.0030 0.0042 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	1.9365 2.4735
175	6	6 7 8	1.0002 -0.0009 0.0147	-0.0005 0.0001 0.0000	-0.0022 0.0056 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	1.7025 1.5603
175	7	6 7 8	1.0001 -0.0056 0.0019	-0.0006 0.0010 0.0000	-0.0012 0.0012 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	1.7579 1.5470
175	8	6 7 8	0.9999 -0.0061 0.0021	-0.0008 0.0011 0.0000	-0.0012 0.0014 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	1.7104 1.5076
175	9	6 7 8	1.0000 -0.0052 0.0029	-0.0006 0.0012 0.0000	-0.0013 0.0015 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	1.9820 1.4452
175	10	6 7 8	1.0004 -0.0060 0.0028	-0.0007 0.0009 0.0000	-0.0012 0.0018 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	1.7747 1.3945
175	11	6 7 8	1.0003 -0.0063 0.0018	-0.0007 0.0007 0.0000	-0.0013 0.0015 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	2.2670 0.6075
175	12	6 7 8	1.0004 -0.0055 0.0028	-0.0006 0.0009 0.0000	-0.0010 0.0016 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	1.6293 2.9595
175	13	6 7 8	0.9999 -0.0064 0.0036	-0.0007 0.0010 0.0000	-0.0013 0.0020 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	-0.0000 0.0000 0.0000	1.5360 1.8662

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key																
175	14	6	1.0000	-0.0010	-0.0016	-0.00291	0.02291	1.1673	0.0524	-0.00418	0.0065	0.0171	0.6219	1.6321					
		6	-0.0049	0.0007	0.0026	0.7270	0.7270	2.6466	-0.0418	-0.0056	-0.0056	-0.0146	0.6780	1.7438					
176	1	6	1.207	-0.0009	-0.0015	0.00	0.00	1.7210	0.0213	-0.0061	0.0072	0.0049	-1.4428	1.1596					
		6	-0.0045	0.0019	0.0049	0.8268	0.8268	2.1063	-0.0108	0.0072	-0.0030	-0.0030	-3.3252	1.4190					
176	2	6	1.202	-0.0005	-0.0008	-0.00	-0.00	1.3854	0.0394	-0.0041	0.0037	0.0108	-0.5234	1.3712					
		6	-0.0030	0.0012	0.0018	1.4723	1.4723	2.1209	-0.0171	0.0037	-0.0048	-0.0048	-1.0809	1.4137					
176	3	6	1.209	-0.0004	-0.0009	0.6488	0.6488	1.2457	0.0298	-0.0026	0.0025	0.0085	-0.4357	1.4423					
		6	-0.0029	0.0006	0.0014	1.0966	1.0966	2.4066	-0.0129	0.0025	-0.0043	-0.0043	-0.9666	1.6649					
176	4	6	1.203	-0.0008	-0.0014	-0.00	-0.00	1.3974	0.0133	-0.0011	0.0011	0.0033	-0.4253	1.2416					
		6	-0.0052	0.0008	0.0014	-0.8540	-0.8540	1.3974	-0.0052	0.0011	-0.0011	-0.0018	-1.1397	1.7930					
176	5	6	1.203	-0.0004	-0.0011	-0.00	-0.00	1.5339	0.0041	-0.0004	0.0004	0.0009	-0.5695	1.1709					
		6	-0.0048	0.0010	0.0011	-1.1104	-1.1104	1.2421	0.0008	0.0004	0.0004	0.0001	-3.0303	0.7134					
176	6	6	1.204	-0.0002	-0.0003	-0.00	-0.00	32.6130	0.0030	-0.0001	0.0002	0.0002	-0.2415	0.4005					
		6	0.0000	0.0003	0.0005	27.2533	27.2533	41.4030	0.0018	0.0002	0.0002	0.0004	0.7602	1.2675					
176	7	6	1.205	-0.0000	-0.0015	-0.00	-0.00	1.4965	-0.0099	0.0012	-0.0004	-0.0029	-0.6360	1.4975					
		6	-0.0050	0.0008	0.0010	1.7267	1.7267	2.1371	0.0049	-0.0004	-0.0004	0.0009	-0.4498	0.9219					
176	8	6	1.204	-0.0003	-0.0018	0.00	0.00	1.8549	-0.0259	0.0031	-0.0024	-0.0078	-0.6173	1.5228					
		6	-0.0048	0.0011	0.0018	1.2250	1.2250	1.8978	0.0214	-0.0024	-0.0024	0.0058	-0.5310	1.3710					
176	9	6	1.204	-0.0010	-0.0018	0.00	0.00	1.7715	-0.0196	0.0064	-0.0055	-0.0058	-1.6512	1.4858					
		6	-0.0051	0.0015	0.0026	1.1442	1.1442	1.9598	0.0253	-0.0055	-0.0055	0.0061	-1.0849	1.2127					
177	1	6	1.204	-0.0001	-0.0031	0.00	0.00	1.7551	0.0142	-0.0110	0.0142	0.0024	-3.8858	0.8672					
		6	-0.0088	0.0009	0.0126	0.9833	0.9833	1.7093	0.0094	-0.0142	-0.0142	0.0031	-7.4932	1.6765					

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key											
177	2	9	1.202	-2.15	-0.0006	-0.3713	2.9615	0.0070	-0.0070	0.0010	-5.0566	0.7545		
		8	-0.0010	0.0012	-0.0000	-5.8480	0.0289	0.0008	0.0066	0.0005	38.0465	3.2364		
177	3	9	1.201	-1.14	-0.0007	-0.3583	1.4977	-0.0033	-0.0029	-0.0013	4.4977	2.0937		
		8	-0.0026	0.0013	-0.0011	-1.3369	1.1655	0.0061	0.0029	0.0017	2.3798	1.4648		
177	4	9	1.203	-0.71	-0.0006	-0.0133	1.3128	-0.0034	-0.0010	-0.0014	1.4602	2.1661		
		8	-0.0025	0.0012	-0.0006	-1.6914	0.9743	0.0079	0.0013	0.0021	0.8388	1.3215		
177	5	9	1.203	-0.24	-0.0011	-0.000	1.4014	-0.0005	0.0003	-0.0009	-3.3108	7.6183		
		8	-0.0039	0.0009	-0.0004	-5.9884	-2.7945	0.0048	0.0004	0.0012	0.4300	1.2470		
177	6	9	1.205	0.29	-0.0017	-0.3848	1.4032	0.0053	0.0004	0.0014	0.4531	1.3624		
		8	-0.0062	0.0011	0.0011	4.2018	3.9100	-0.0021	0.0004	-0.0009	-0.9661	2.2931		
177	7	9	1.204	0.73	-0.0010	0.1096	1.1014	0.0098	0.0010	0.0023	0.5454	1.1924		
		8	-0.0039	0.0012	-0.0015	1.8925	2.3368	-0.0058	-0.0000	-0.0020	0.0045	1.7478		
177	8	9	1.204	1.73	-0.0007	0.4584	1.8586	0.0044	0.0050	0.0008	5.6451	0.8949		
		8	-0.0021	0.0015	-0.0019	1.5905	1.9731	-0.0018	-0.0036	-0.0008	9.8087	2.3583		
177	9	9	1.203	3.74	-0.0034	-0.000	1.8082	-0.0106	0.0111	-0.0033	-5.2033	1.5658		
		8	-0.0035	0.0021	0.0021	1.5144	1.4816	0.0125	-0.0108	0.0027	-4.5163	1.0904		
178	4	9	1.205	4.21	-0.0023	-0.3380	1.5652	-0.0029	-0.0158	-0.0026	26.7814	4.424		
		8	-0.0076	0.0022	-0.0139	-0.2744	1.6829	0.0760	0.0075	-0.0253	0.4984	1.6699		
178	5	9	1.204	2.22	-0.0016	-0.5448	1.8053	-0.0243	-0.0066	-0.0088	1.3549	1.8054		
		8	-0.0045	0.0014	-0.0006	-1.6260	0.6749	0.0290	0.0079	0.0087	1.3688	1.5035		
178	6	9	1.204	1.25	-0.0015	-0.5804	1.7817	-0.0126	-0.0036	-0.0047	1.4312	1.8918		
		8	-0.0042	0.0015	-0.0002	-2.5905	0.4155	0.0201	0.0042	0.0059	1.0530	1.4688		

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
178	7	6	1.203 -0.0044 -0.0023	-0.72 0.0003 0.0014	-0.0015 0.0002	-0.4888 -3.0261	1.7163 -0.4866	-0.0058 0.0141	-0.0024 0.0023	-0.0022 0.0042	2.0716 0.8138	1.9411 1.5085
178	8	6	1.202 -0.0034 -0.0010	-0.23 0.0000 0.0014	-0.0011 0.0004	-0.0002 -6.8446	1.6813 -2.1126	0.0015 0.0074	-0.0013 0.0009	0.0004 0.0019	-4.2509 -0.6036	1.5255 1.3088
178	9	6	1.202 -0.0024 0.0022	0.22 0.0006 0.0010	0.0000 0.0012	-0.0002 1.3639 2.3415	-0.0126 2.8774	0.0066 0.0017	-0.0000 -0.0006	0.0022 0.0003	-0.0028 -1.7907	1.6903 1.0055
178	10	6	1.203 -0.0033 0.0047	0.70 0.0013 0.0016	-0.0001 0.0021	-0.0002 2.0442 1.6827	0.1679 2.2102	0.0141 -0.0046	0.0009 -0.0015	0.0043 -0.0016	0.3460 1.6278	1.5484 1.7248
178	11	6	1.204 -0.0017 0.0047	1.78 0.0010 0.0012	0.0000 0.0022	-0.0002 3.0173 1.3548	-0.0060 -2.3140	0.0282 -0.0194	0.0045 -0.0043	0.0089 -0.0067	0.8047 1.1120	1.5898 1.7246
178	12	6	1.204 -0.0164 0.0069	3.79 0.0003 0.0011	-0.0048 0.0026	0.0002 -0.0000 0.8351	1.4778 1.9176	0.0309 -0.0519	0.0131 -0.0071	0.0101 -0.0135	2.1247 0.6888	1.6380 1.7823
179	1	6	1.204 -0.0032 0.0047	-4.21 0.0010 0.0010	-0.0016 0.0020	-0.0002 -1.5252 1.0980	2.5631 2.1626	-0.0893 0.1116	-0.0026 -0.0014	-0.0312 0.0374	0.1479 -0.0629	1.7493 1.6782
179	2	6	1.204 -0.0030 0.0056	-2.17 0.0010 0.0017	-0.0016 0.0020	-0.0002 -1.6561 1.5526	2.7940 1.8178	-0.0503 0.0603	-0.0009 -0.0006	-0.0169 0.0199	0.0911 -0.0500	1.6856 1.6510
179	3	6	1.204 -0.0034 0.0065	-1.21 0.0011 0.0014	-0.0018 0.0024	-0.0002 -1.6220 1.0998	2.6576 1.8583	-0.0246 0.0344	-0.0015 -0.0003	-0.0082 0.0116	0.3155 -0.0528	1.6722 1.6892
179	4	6	1.204 -0.0033 0.0072	-0.70 0.0010 0.0012	-0.0018 0.0026	-0.0002 -1.5155 0.8359	2.7424 1.8322	-0.0115 0.0218	-0.0011 -0.0005	-0.0044 0.0076	0.4991 -0.1154	1.9194 1.7372
179	5	6	1.203 -0.0031 0.0078	-0.22 0.0006 0.0012	-0.0012 0.0026	-0.0002 -0.9767 0.7737	1.9273 1.7028	-0.0009 0.0113	-0.0014 -0.0007	-0.0001 0.0039	7.3015 -0.3388	0.6053 1.7263

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
179	6	5	1.203	0.0037	0.0010	0.0016	-0.0016	-0.0016	-0.0016	-0.0016	-0.0016	-0.0016	-0.0016	-0.0016	-0.0016	-0.0016	-0.0016
		7	-0.0037	0.0037	0.0010	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026
		8	0.0071	0.0071	0.0010	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026
179	7	6	1.204	0.0045	0.0010	0.0016	-0.0016	-0.0016	-0.0016	-0.0016	-0.0016	-0.0016	-0.0016	-0.0016	-0.0016	-0.0016	-0.0016
		7	-0.0045	0.0045	0.0010	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027
		8	0.0078	0.0078	0.0010	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027
179	8	6	1.203	0.0036	0.0010	0.0015	-0.0015	-0.0015	-0.0015	-0.0015	-0.0015	-0.0015	-0.0015	-0.0015	-0.0015	-0.0015	-0.0015
		7	-0.0036	0.0036	0.0010	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025
		8	0.0068	0.0068	0.0010	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025
179	9	6	1.204	0.0024	0.0013	0.0010	-0.0010	-0.0010	-0.0010	-0.0010	-0.0010	-0.0010	-0.0010	-0.0010	-0.0010	-0.0010	-0.0010
		7	-0.0024	0.0024	0.0013	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023
		8	0.0067	0.0067	0.0013	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023
180	1	6	1.203	0.0000	0.0016	0.0011	-0.0011	-0.0011	-0.0011	-0.0011	-0.0011	-0.0011	-0.0011	-0.0011	-0.0011	-0.0011	-0.0011
		7	0.0000	0.0000	0.0016	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022
		8	0.0065	0.0065	0.0011	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022	0.0022
180	2	6	1.203	0.0012	0.0011	0.0017	-0.0017	-0.0017	-0.0017	-0.0017	-0.0017	-0.0017	-0.0017	-0.0017	-0.0017	-0.0017	-0.0017
		7	-0.0012	0.0012	0.0011	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024
		8	0.0093	0.0093	0.0011	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024
180	3	6	1.204	0.0008	0.0014	0.0009	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009
		7	0.0008	0.0008	0.0014	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025
		8	0.0103	0.0103	0.0014	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025
180	4	6	1.204	0.0007	0.0014	0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008
		7	0.0007	0.0007	0.0014	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026
		8	0.0096	0.0096	0.0014	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026
180	5	6	1.204	0.0012	0.0015	0.0009	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009	-0.0009
		7	0.0012	0.0012	0.0015	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027
		8	0.0105	0.0105	0.0015	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027	0.0027
180	6	6	1.203	0.0001	0.0012	0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003
		7	0.0001	0.0001	0.0012	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031
		8	0.0123	0.0123	0.0012	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031
180	7	6	1.205	0.0002	0.0014	0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003
		7	-0.0002	0.0002	0.0014	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031
		8	0.0115	0.0115	0.0010	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
180	8	6 7 8	1.202 -0.0015 0.00135	0.76 0.0014 0.0010	-0.0016 0.0035 0.4014	-0.0014 -4.5403 0.4014	5.1313 1.3309 -0.0172	0.0218 -0.0021 -0.0017	0.0078 -0.0044 0.0044	-0.4860 0.5012 0.5012	1.8001 1.3040 1.3040						
180	9	6 7 8	1.204 -0.0012 0.00117	1.72 0.0016 0.0010	-0.0016 0.0032 0.4280	-0.0016 -6.4548 0.4280	6.4328 1.3781 -0.0437	0.0484 -0.0028 -0.0007	0.0168 -0.0133 0.0861	-0.2916 0.0861 0.0861	1.7366 1.5279 1.5279						
180	10	6 7 8	1.204 -0.0005 0.00110	5.80 0.0019 0.0009	-0.0014 0.0031 0.4138	-0.0014 -18.5736 0.4138	14.5953 1.4106 -0.1008	0.1083 -0.0067 0.0028	0.0363 -0.0328 -0.1391	-0.3098 0.1391 0.1391	1.6774 1.6279 1.6279						
180	11	6 7 8	1.204 0.0002 0.00117	-0.28 0.0016 0.0012	-0.0014 0.0028 0.5108	-0.0014 42.3309 0.5108	37.3083 1.2225 -0.0098	0.0054 -0.0013 -0.0016	0.0046 -0.0015 0.0046	1.2746 -0.6221 -0.6221	1.3949 2.3522 2.3522						
182	6	6 7 8	0.400 -0.0048 0.00052	-4.63 -0.0004 -0.0000	-0.0011 0.0017 -0.00781	-0.0011 0.5007 -0.00781	1.2121 1.6783 0.0661	0.0585 -0.0020 0.0036	0.0198 -0.0190 0.0190	0.1750 0.2762 0.2762	1.6905 1.4422 1.4422						
182	7	6 7 8	0.401 -0.0040 0.00074	-2.68 0.0000 0.0003	-0.0011 0.0017 0.2679	-0.0011 0.0079 0.2679	1.4583 1.1907 0.0368	0.0322 -0.0024 0.0025	0.0107 -0.0109 0.0109	0.3844 0.3410 0.3410	1.5680 1.4870 1.4870						
182	8	6 7 8	0.401 0.0008 0.00066	-1.72 0.0005 -0.0000	0.0005 3.0362 -0.00705	0.0005 3.0362 -0.00705	3.5363 1.3380 -0.0209	0.0223 0.0011 -0.0021	0.0065 0.0068 0.0068	0.5152 0.2677 0.2677	1.5637 1.5439 1.5439						
182	9	6 7 8	0.402 -0.0037 0.00044	-1.19 -0.0014 -0.0005	0.0000 0.0011 -0.6243	0.0000 1.9362 -0.6243	-0.0104 1.3155 0.0140	0.0123 -0.0017 0.0003	0.0023 -0.0039 0.0039	0.7279 0.1132 0.1132	0.9608 1.4254 1.4254						
182	10	6 7 8	0.402 -0.0050 0.00060	-0.65 -0.0014 0.0004	-0.0017 0.0011 0.3444	-0.0017 0.7961 0.3444	0.9605 0.9641 0.0052	0.0016 -0.0009 -0.0000	0.0011 0.0017 0.0017	2.9113 -0.0663 -0.0663	-3.5180 1.6225 1.6225						
182	11	6 7 8	0.402 -0.0081 0.00078	-0.23 -0.0009 -0.0001	-0.0011 0.5683 -0.00739	-0.0011 0.5683 -0.00739	0.7008 1.4888 0.0031	0.0005 -0.0005 -0.0005	0.0005 -0.0011 0.0011	-4.7417 -0.8479 -0.8479	-5.5495 1.8062 1.8062						
182	12	6 7 8	0.402 -0.0075 0.00052	0.25 -0.0013 -0.0000	0.0000 0.9110 -0.00781	0.0000 0.9110 -0.00781	-0.0145 1.6783 -0.0039	0.0005 -0.0005 0.0000	0.0029 -0.0017 -0.0017	-0.5221 -0.0857 -0.0857	2.6160 2.1867 2.1867						

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
182	13	6 7 8	0.402 -0.0110 0.0073	1.28 -0.0018 0.0003	-0.0011 0.0017	0.00 0.8487 0.2679	0.5139 1.1907	0.0239 -0.0205	0.0016 -0.0026	0.0076 -0.0056	0.3384 0.6519	1.6032 1.3815
182	14	6 7 8	0.401 -0.0097 0.0044	5.27 -0.0018 -0.0005	0.0000 0.0011	0.9545 -0.6243	-0.0143 1.3155	0.0491 -0.0408	0.0022 -0.0018	0.0148 -0.0131	0.2280 0.2305	1.5095 1.6064
182	15	6 7 8	0.399 -0.0077 0.0045	-0.66 -0.0014 -0.0005	0.0000 0.0011	0.9110 -0.6243	-0.0145 1.3155	-0.0055 0.0115	-0.0009 0.0003	-0.0011 0.0028	0.8248 0.1573	1.0750 1.2523
183	1	6 7 8	0.402 -0.0121 -0.0003	-4.61 -0.0033 -0.0010	0.0000 0.0011	-0.00 1.3639 13.6802	-0.0126 -15.7201	-0.0503 0.0590	-0.0021 0.0037	-0.0154 0.0160	0.2152 0.3158	1.5364 1.3602
183	2	6 7 8	0.400 -0.0138 -0.0052	-2.70 -0.0043 -0.0014	0.0000 0.0005	-0.00 1.5571 1.4165	-0.0119 -0.5617	-0.0270 0.0290	-0.0025 0.0011	-0.0071 0.0086	0.4744 0.1925	1.3228 1.4863
183	3	6 7 8	0.401 -0.0142 -0.0004	-1.70 -0.0037 -0.0010	0.0000 0.0017	-0.00 1.3266 12.4488	-0.0128 -21.1702	-0.0133 0.0180	-0.0007 0.0002	-0.0041 0.0051	0.2930 0.0744	1.5645 1.4284
183	4	6 7 8	0.402 -0.0116 -0.0043	-1.21 -0.0038 -0.0009	0.0000 0.0005	-0.00 1.6378 1.1196	-0.0116 -0.6653	-0.0102 0.0124	-0.0013 -0.0006	-0.0029 0.0040	0.6521 -0.2342	1.4546 1.6107
183	5	6 7 8	0.401 -0.0158 -0.0081	-0.68 -0.0047 -0.0024	0.0006 0.0005	-0.00 1.4945 1.4956	-0.1979 -0.3575	0.0016 0.0122	0.0009 0.0008	-0.0011 0.0022	2.9113 0.3505	-3.5180 0.9324
183	6	6 7 8	0.402 -0.0178 -0.0043	-0.25 -0.0051 -0.0009	0.0000 0.0005	0.00 1.4527 1.1196	-0.0123 -0.6653	0.0004 0.0028	-0.0005 -0.0015	0.0005 0.0011	-5.2831 -2.6237	6.1463 1.9736
183	7	6 7 8	0.401 -0.0171 -0.0038	0.25 -0.0047 -0.0014	0.0000 0.0005	0.00 1.3794 1.9237	-0.0126 -0.7604	0.0101 -0.0018	0.0013 -0.0019	0.0035 0.0020	0.6568 5.2007	1.7418 -0.0183
183	8	6 7 8	0.402 -0.0165 -0.0030	1.27 -0.0052 -0.0009	0.0000 0.0005	0.00 1.5712 1.6317	-0.0118 -0.9638	0.0144 -0.0092	0.0007 -0.0023	0.0064 -0.0022	0.2643 1.2681	2.2392 1.2269

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key															
183	9	6	0.403	5.33	0.0012	0.00	1.6318	-0.3493	0.0444	0.0027	0.0123	0.3140	1.3920					
		7	-0.0173	-0.0056	0.0005	1.4165	-0.5617	-0.0321	-0.0024	-0.0113	0.3819	1.7652						
		8	-0.0051	-0.0014	0.0000	-0.00	-0.0124	-0.0410	-0.0038	-0.0114	0.4655	1.3017						
184	1	6	0.400	-4.71	0.0000	1.4169	-0.0124	0.0466	0.0029	0.0114	0.3111	1.2234						
		7	-0.0200	-0.0056	0.0005	1.7968	-0.4290	0.0466	0.0029	0.0114	0.4655	1.3017						
		8	-0.0068	-0.0024	0.0000	-0.00	-0.0124	-0.0410	-0.0038	-0.0114	0.3111	1.2234						
184	2	6	0.402	-2.68	0.0000	-0.00	-0.0118	-0.0173	-0.0016	-0.0041	0.4879	1.1848						
		7	-0.0164	-0.0051	0.0000	1.5712	-0.0007	0.0276	0.0021	0.0056	0.3873	1.0226						
		8	-0.0094	-0.0024	0.0000	1.2787	-0.0007	0.0276	0.0021	0.0056	0.3873	1.0226						
184	3	6	0.402	-1.74	0.0000	-0.00	-0.0118	-0.0063	0.0001	-0.0023	-0.0841	1.8347						
		7	-0.0164	-0.0051	0.0000	1.5712	-0.0007	0.0276	0.0001	-0.0023	-0.0841	1.8347						
		8	-0.0084	-0.0018	-0.0011	1.1104	0.6818	0.0223	0.0022	0.0039	0.4933	0.8824						
184	4	6	0.402	-1.16	0.0000	-0.00	-0.0110	-0.0051	0.0000	-0.0017	-0.0836	1.7184						
		7	-0.0159	-0.0056	0.0000	1.7749	-0.0110	-0.0051	0.0000	-0.0017	-0.0836	1.7184						
		8	-0.0106	-0.0023	-0.0011	1.1115	0.5441	0.0139	0.0003	0.0028	0.1211	1.0127						
184	5	6	0.401	-0.65	0.0000	-0.00	-0.0122	0.0015	0.0009	0.0005	3.0413	1.8470						
		7	-0.0206	-0.0061	0.0000	1.4785	-0.0001	0.0099	-0.0010	0.0011	-0.5885	0.6268						
		8	-0.0064	-0.0014	0.0000	1.1158	-0.0001	0.0099	-0.0010	0.0011	-0.5885	0.6268						
184	6	6	0.402	-0.26	0.0000	-0.00	-0.0123	0.0028	0.0009	0.0023	1.6696	4.1508						
		7	-0.0225	-0.0065	0.0000	1.4448	-0.0123	0.0028	0.0009	0.0023	1.6696	4.1508						
		8	-0.0050	-0.0014	0.0000	1.4157	-0.0013	0.0063	-0.0010	0.0005	-0.8096	0.4414						
184	7	6	0.402	0.26	0.0000	0.00	-0.0123	0.0037	-0.0000	0.0034	-0.0858	4.6547						
		7	-0.0225	-0.0065	0.0000	1.4448	-0.0123	0.0037	-0.0000	0.0034	-0.0858	4.6547						
		8	-0.0064	-0.0014	0.0000	1.1158	-0.0001	-0.0007	-0.0028	-0.0005	18.8618	3.6853						
184	8	6	0.403	1.33	0.0000	0.00	-0.0123	0.0145	0.0017	0.0052	0.5928	1.7893						
		7	-0.0224	-0.0064	0.0000	1.4448	-0.0123	0.0145	0.0017	0.0052	0.5928	1.7893						
		8	-0.0058	-0.0019	0.0000	1.6334	-0.0022	-0.0045	-0.0028	-0.0022	3.0518	2.4349						
184	9	6	0.402	5.26	0.0000	0.00	-0.0123	0.0362	0.0053	0.0098	0.7330	1.3611						
		7	-0.0224	-0.0064	0.0000	1.4448	-0.0123	0.0362	0.0053	0.0098	0.7330	1.3611						
		8	-0.0067	-0.0024	0.0011	1.7951	-0.0850	-0.0250	-0.0039	-0.0078	0.7971	1.5607						
185	1	6	0.703	-4.53	-0.0015	0.00	0.8175	-0.0609	-0.0027	-0.0178	0.2216	1.4654						
		7	-0.0091	-0.0019	0.0008	1.0699	0.8175	0.0672	0.0030	0.0193	0.2234	1.4382						
		8	0.0041	-0.0002	-0.0008	-0.2877	1.0610	0.0672	0.0030	0.0193	0.2234	1.4382						

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
185	2	6 7 8	0.702 -0.0088 0.0059	-2.56 -0.0017 0.0002	-0.0017 0.0013 0.0002	0.00 1.0076 0.2422	0.9667 1.0923 0.0016	-0.0325 0.0408 0.0022	-0.0016 0.0022 0.0112	0.2595 0.2747 0.1279	1.4579 1.3776 1.5584						
185	3	6 7 8	0.702 -0.0088 0.0036	-1.61 -0.0017 -0.0002	-0.0017 0.0008 -0.0002	0.00 1.0076 -0.3217	0.9667 1.2058 0.0004	-0.0175 0.0226 0.0006	-0.0055 0.0061 0.0061	0.1279 0.1411 1.3597							
185	4	6 7 8	0.702 -0.0080 0.0036	-1.05 -0.0016 -0.0002	-0.0015 0.0010 -0.0002	0.00 0.9941 -0.3296	0.9283 1.5113 0.0001	-0.0096 0.0163 0.0001	-0.0030 0.0042 0.0042	-0.0832 0.0523 1.2982							
185	5	6 7 8	0.701 -0.0092 0.0037	-0.50 -0.0023 -0.0004	-0.0010 0.0013 -0.0004	0.00 1.2487 -0.5651	0.5750 1.7263 0.0004	-0.0023 0.0073 -0.0010	-0.0000 0.0021 0.0006	-0.6721 -0.6825 0.0065							
185	6	6 7 8	0.701 -0.0111 0.0041	-0.10 -0.0028 -0.0002	-0.0010 0.0010 -0.0010	0.00 1.2769 -0.2945	0.4766 1.3289 0.0007	0.0026 0.0042 -0.0007	0.0008 0.0006 0.0006	1.3281 0.9076 1.6662							
185	7	6 7 8	0.702 -0.0100 0.0029	0.39 -0.0024 -0.0005	-0.0008 0.0010 -0.0010	0.00 1.2356 -1.0002	0.4212 1.8152 0.0009	0.0085 -0.0033 -0.0014	0.0030 -0.0012 -0.0012	0.5739 2.1279 1.8033							
185	8	6 7 8	0.701 -0.0090 0.0028	1.41 -0.0024 -0.0004	-0.0006 0.0008 -0.0008	-0.00 1.3717 -0.7273	0.3484 1.5462 0.0018	0.0238 -0.0167 -0.0023	0.0079 -0.0057 -0.0057	0.3890 0.6884 1.6601							
185	9	6 7 8	0.701 -0.0099 0.0045	3.38 -0.0021 -0.0002	-0.0014 0.0015 -0.0015	0.00 1.0732 -0.2792	0.7522 1.6678 0.0034	0.0532 -0.0440 -0.0033	0.0162 -0.0141 -0.0033	0.3232 0.3850 1.5288							
185	10	6 7 8	0.701 -0.0104 0.0048	-0.54 -0.0021 -0.0000	-0.0019 0.0015 -0.0015	0.00 1.0258 -0.0756	0.9231 1.5645 0.0002	-0.0035 0.0094 -0.0006	-0.0011 0.0023 -0.0023	-0.3435 -0.3483 1.5501							
186	1	6 7 8	0.701 -0.0104 -0.0019	-4.49 -0.0030 -0.0005	-0.0008 0.0004 -0.0004	-0.00 1.4484 1.4173	0.4049 -1.1132 -0.0029	-0.0469 0.0575 0.0044	-0.0141 0.0148 0.0148	0.3123 0.3858 1.5031							
186	2	6 7 8	0.701 -0.0101 -0.0027	-2.51 -0.0028 -0.0007	-0.0006 0.0004 -0.0004	-0.00 1.4001 1.3290	0.3100 -0.7873 -0.0011	-0.0212 0.0306 -0.0023	-0.0064 0.0076 0.0076	0.2673 0.3906 1.5091							

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
186	3	9	0.701 -0.0117 -0.0007	-1.54 -0.0030 -0.0007	-0.0010 0.0006	-0.3224 1.3224 4.3086	0.4640 -4.2756	-0.0111 0.0196	-0.0001 0.0012	-0.0037 0.0044	0.0022 0.3166	1.6755 1.1348					
186	4	9	0.701 -0.0107 -0.0027	-1.04 -0.0030 -0.0007	-0.0010 0.0004	-0.3836 1.3290 1.3290	0.4053 -0.7873	-0.0078 0.0145	-0.0002 0.0005	-0.0024 0.0029	0.1539 0.1982	1.5499 1.0225					
186	5	9	0.701 -0.0117 -0.0025	-0.50 -0.0031 -0.0009	-0.0006 0.0002	-0.0000 1.3615 1.7968	0.2667 0.4290	0.0010 0.0080	0.0009 -0.0006	0.0000 0.0014	4.4761 -0.3946	0.0025 0.9263					
186	6	9	0.700 -0.0133 -0.0017	-0.05 -0.0035 -0.0007	-0.0008 0.0004	-0.0000 1.3338 2.1079	0.3155 -1.2414	0.0050 0.0048	0.0012 -0.0007	0.0015 0.0002	1.2250 -0.8033	1.5440 0.2173					
186	7	9	0.701 -0.0117 -0.0014	-0.12 -0.0031 -0.0005	-0.0004 0.0002	-0.0000 1.3595 1.3595	0.1737 -0.7604	0.0034 0.0076	0.0008 -0.0002	0.0011 0.0018	1.2780 -0.1637	1.6068 0.5527					
186	8	9	0.701 -0.0128 -0.0015	0.36 -0.0035 -0.0009	-0.0006 0.0004	-0.0049 1.3849 2.9741	0.2431 -1.4022	0.0090 0.0015	0.0015 -0.0009	-0.0028 0.0008	0.8541 -2.9220	1.5955 -2.7786					
186	9	9	0.701 -0.0113 -0.0022	1.43 -0.0032 -0.0007	-0.0004 0.0004	-0.0000 1.4209 1.6317	0.1820 -0.9638	0.0206 -0.0112	0.0024 -0.0022	0.0057 -0.0047	0.6037 0.9887	1.3996 2.1062					
186	10	9	0.701 -0.0129 -0.0020	5.44 -0.0035 -0.0009	-0.0006 0.0004	-0.0049 1.3849 2.2407	0.2431 -1.0587	0.0454 -0.0320	0.0047 -0.0032	0.0129 -0.0113	0.5216 0.5013	1.4205 1.7705					
187	1	9	0.701 -0.0132 0.0012	-4.55 -0.0034 -0.0007	-0.0010 0.0013	-0.0000 1.2970 -3.2490	0.4064 5.4698	-0.0370 0.0503	-0.0031 0.0044	-0.0110 0.0127	0.4277 0.4414	1.4864 1.2686					
187	2	9	0.701 -0.0108 -0.0049	-2.51 -0.0032 0.0010	-0.0004 0.0000	-0.0000 1.4879 1.1158	0.1911 -0.0001	-0.0207 0.0268	-0.0019 0.0026	-0.0055 0.0060	0.4613 0.4976	1.3457 1.1234					
187	3	9	0.701 -0.0121 -0.0044	-1.53 -0.0034 -0.0011	-0.0008 0.0002	-0.0000 1.4046 1.2443	0.3504 -0.2495	-0.0081 0.0163	-0.0000 0.0009	-0.0026 0.0036	0.0324 0.2854	1.6535 1.1213					

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key															
187	4	9	0.792	-1.882	-0.0008	-0.0004	-0.0008	1.3499	0.3361	-0.0035	0.0002	-0.0002	-0.0011	-0.0025	-0.0001	-0.0001	-0.0001	1.5591
		8	-0.0128	-0.0011	0.0004		1.4165	-0.5617	0.0136	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.9393
187	5	9	0.702	-0.0037	-0.0006	-0.0002	-0.0006	1.4221	0.2374	0.0002	0.0007	-0.0007	-0.0000	0.0017	0.0017	0.0017	0.0017	-0.0004
		8	-0.0132	-0.0009	0.0002		1.2797	-0.3062	0.0099	-0.0001	-0.0001	-0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	-0.0001
187	6	9	0.702	-0.0039	-0.0006	-0.0002	-0.0006	1.4577	0.2320	0.0032	0.0010	-0.0010	0.0013	0.0004	0.0004	0.0004	0.0004	2.0439
		8	-0.0135	-0.0012	0.0000		1.2276	-0.0005	0.0064	-0.0004	-0.0004	-0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.3293
187	7	9	0.701	-0.0037	-0.0008	-0.0004	-0.0008	1.3708	0.3084	0.0093	0.0012	-0.0010	0.0031	0.0008	0.0008	0.0008	0.0008	1.6636
		8	-0.0137	-0.0009	0.0004		1.4957	-0.0004	0.0098	0.0012	-0.0010	-0.0010	0.0008	0.0008	0.0008	0.0008	0.0008	-0.0008
187	8	9	0.701	-0.0039	-0.0006	-0.0004	-0.0006	1.3551	0.2151	0.0194	0.0026	-0.0018	0.0057	0.0040	0.0040	0.0040	0.0040	1.4859
		8	-0.0144	-0.0007	0.0004		1.6317	-0.0004	0.0638	-0.0086	-0.0018	-0.0018	0.0057	0.0040	0.0040	0.0040	0.0040	2.3656
187	9	9	0.702	-0.0033	-0.0008	-0.0004	-0.0008	1.2951	0.3228	0.0404	0.0037	-0.0037	0.0115	0.0104	0.0104	0.0104	0.0104	1.4272
		8	-0.0130	-0.0009	0.0004		1.7951	-0.0004	0.8500	-0.0309	-0.0037	-0.0037	0.0115	0.0104	0.0104	0.0104	0.0104	0.6124
188	1	9	0.701	-0.0035	-0.0008	-0.0004	-0.0008	1.3359	0.3155	-0.0078	0.0035	-0.0035	-0.0024	0.0072	0.0072	0.0072	0.0072	1.5354
		8	-0.0135	-0.0015	0.0004		1.5579	-0.0004	1.7768	0.0316	0.0042	0.0042	-0.0024	0.0072	0.0072	0.0072	0.0072	0.6681
188	2	9	0.701	-0.0035	-0.0008	-0.0004	-0.0008	1.5686	0.1807	-0.0083	0.0011	-0.0011	-0.0028	0.0027	0.0027	0.0027	0.0027	1.7183
		8	-0.0112	-0.0011	0.0004		1.6288	0.6850	0.0151	0.0018	0.0018	0.0018	-0.0027	0.0027	0.0027	0.0027	0.0027	0.6138
188	3	9	0.703	-0.0036	-0.0008	-0.0004	-0.0008	1.5390	0.1681	-0.0021	0.0001	-0.0001	-0.0010	0.0014	0.0014	0.0014	0.0014	2.4970
		8	-0.0119	-0.0008	0.0004		1.6661	0.6741	0.0099	0.0006	0.0006	0.0006	-0.0014	0.0014	0.0014	0.0014	0.0014	0.3338
188	4	9	0.701	-0.0033	-0.0008	-0.0004	-0.0008	1.6788	-0.0114	0.0002	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	3.0825
		8	-0.0099	-0.0004	0.0004		1.4656	-0.0004	0.8143	0.0076	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002	0.0002	0.0744
188	5	9	0.702	-0.0033	-0.0008	-0.0004	-0.0008	1.6053	-0.0117	0.0015	0.0003	-0.0003	0.0008	0.0008	0.0008	0.0008	0.0008	1.1185
		8	-0.0123	-0.0010	0.0006		1.0022	-0.0006	0.6175	0.0055	-0.0002	-0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	-0.01975

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key															
188	6	6	0.701	-0.0037	-0.0010	-0.0000	1.5712	-0.0118	0.0030	0.0006	0.0000	0.0012	1.1137	2.1193				
		8	-0.0046	-0.0010	-0.0004	0.0000	1.1122	0.4527	0.0044	-0.0005	-0.0000	-0.0000	-0.6307	-0.0057				
188	7	6	0.702	0.0035	-0.0000	-0.0003	-0.0000	0.1609	0.0062	0.0011	0.0012	0.0023	0.9334	1.6039				
		8	-0.0038	-0.0000	0.0000	0.0000	1.1158	-0.0001	0.0004	-0.0012	-0.0006	-0.0006	-14.5373	-1.3840				
188	8	6	0.701	1.42	0.0000	0.0000	-0.0000	-0.0107	0.0123	0.0025	0.0031	0.0016	1.0180	1.2987				
		8	-0.0026	-0.0007	0.0002	0.0000	1.3280	-0.3964	-0.0031	-0.0022	-0.0016	-0.0016	3.5213	2.9195				
188	9	6	0.701	3.40	-0.0000	-0.0003	-0.0000	0.1507	0.0227	0.0039	0.0067	0.0051	0.8664	1.4920				
		8	-0.0024	-0.0000	0.0002	0.0000	1.7968	-0.4290	-0.0141	-0.0036	-0.0051	-0.0051	1.2092	1.7976				
189	1	6	0.901	-4.46	-0.0000	-0.0015	-0.0000	0.8233	-0.0651	-0.0050	-0.0168	0.0201	0.3904	1.4474				
		8	-0.0091	-0.0017	0.0003	0.0015	0.9572	1.6436	0.0692	0.0049	0.0201	0.0201	0.3578	1.4540				
189	2	6	0.902	-2.39	-0.0017	-0.0016	-0.0000	0.8730	-0.0301	-0.0024	-0.0094	0.0101	0.4132	1.5641				
		8	-0.0094	-0.0003	0.0003	0.0016	0.3309	1.7823	0.0346	0.0026	0.0101	0.0101	0.3817	1.4626				
189	3	6	0.921	-1.44	-0.0004	-0.0018	-0.0000	0.9605	-0.0165	-0.0014	-0.0051	0.0059	0.4273	1.5391				
		8	-0.0050	0.0003	0.0003	0.0016	0.3052	1.6597	0.0208	0.0012	0.0059	0.0059	0.3063	1.4344				
189	4	6	0.902	-0.68	-0.0004	-0.0016	-0.0000	0.9137	-0.0100	-0.0006	-0.0038	0.0038	0.3056	1.5398				
		8	-0.0090	0.0004	0.0004	0.0016	0.4139	1.5930	0.0136	0.0006	0.0038	0.0038	0.2197	1.4171				
189	5	6	0.901	-0.44	-0.0014	-0.0015	-0.0000	0.8631	-0.0019	0.0002	-0.0006	0.0017	-0.5138	1.5891				
		8	-0.0087	-0.0001	0.0001	0.0015	0.2079	1.6932	0.0057	-0.0005	-0.0017	-0.0017	-0.5138	1.5626				
189	6	6	0.901	0.02	0.0017	-0.0018	-0.0000	0.8980	0.0021	0.0004	0.0007	0.0007	1.1114	1.7619				
		8	-0.0042	0.0000	0.0000	0.0016	0.0662	1.9585	0.0009	-0.0009	0.0001	0.0001	-4.6726	0.7615				
189	7	6	0.901	0.50	-0.0017	-0.0018	-0.0000	0.8880	0.0097	0.0012	0.0032	0.0032	0.6565	1.5618				
		8	-0.0039	-0.0000	0.0000	0.0015	0.0797	1.9332	-0.0056	-0.0013	-0.0017	-0.0017	1.1684	1.5632				

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
189	8	6 7 8	0.900 -0.0092 0.0046	1.56 -0.0016 0.0000	-0.0018 0.0015	-0.8777 0.0615	0.9745 1.6436	0.0244 -0.0205	0.0026 -0.0033	0.0075 -0.0062	0.5342 0.6058	1.5432 1.5177
189	9	6 7 8	0.902 -0.0095 0.0056	3.52 -0.0016 0.0000	-0.0016 0.0018	-0.8423 0.0370	0.8607 1.6156	0.0563 -0.0496	0.0053 -0.0057	0.0166 -0.0147	0.4755 0.5758	1.4751 1.4696
189	10	6 7 8	0.902 -0.0093 0.0050	-0.44 -0.0014 0.0003	-0.0018 0.0016	-0.8661 0.3052	0.9605 1.6597	-0.0028 0.0070	0.0001 -0.0002	-0.0013 0.0019	-0.3180 -0.1522	2.4758 1.3746
190	1	6 7 8	0.900 -0.0108 0.0012	-4.34 -0.0019 -0.0003	-0.0016 0.0015	-0.9111 -1.2428	0.7561 6.2634	-0.0366 0.0472	-0.0037 0.0050	-0.0113 0.0123	0.5174 0.5351	1.5325 1.3021
190	2	6 7 8	0.902 -0.0085 -0.0024	-2.47 -0.0018 -0.0003	-0.0011 0.0004	-0.8277 0.7898	0.6940 -0.9353	-0.0193 0.0255	-0.0021 0.0030	-0.0059 0.0064	0.5504 0.5882	1.5446 1.2708
190	3	6 7 8	0.902 -0.0096 -0.0015	-1.42 -0.0020 -0.0002	-0.0010 0.0009	-0.8411 0.8723	0.5361 -2.9423	-0.0086 0.0158	-0.0008 0.0015	-0.0028 0.0036	0.5108 0.5030	1.6767 1.1592
190	4	6 7 8	0.902 -0.0089 -0.0029	-0.99 -0.0017 -0.0005	-0.0011 0.0005	-0.9529 0.8536	0.6569 -1.0085	-0.0056 0.0135	-0.0005 0.0012	-0.0022 0.0029	0.4808 0.4598	2.0156 1.0855
190	5	6 7 8	0.902 -0.0088 -0.0015	-0.43 -0.0018 -0.0002	-0.0013 0.0008	-0.8723 0.8723	0.7515 -2.9423	-0.0004 0.0080	-0.0002 0.0004	-0.0003 0.0014	3.0996 0.2648	3.7796 0.9162
190	6	6 7 8	0.901 -0.0104 -0.0002	0.01 -0.0021 0.0001	-0.0010 0.0008	-0.8688 -2.7104	0.4900 -22.3328	0.0040 0.0039	0.0005 -0.0001	0.0010 0.0002	-0.7161 -0.2017	1.3169 0.3409
190	7	6 7 8	0.902 -0.0102 -0.0006	0.54 -0.0020 -0.0001	-0.0011 0.0008	-0.8111 1.1572	0.5729 -7.2229	0.0093 -0.0010	0.0012 -0.0008	0.0021 -0.0010	0.6813 4.0886	1.1446 4.9490
190	8	6 7 8	0.902 -0.0099 -0.0004	1.52 -0.0020 -0.0002	-0.0011 0.0008	-0.8473 2.8058	0.5929 -9.2592	0.0190 -0.0098	0.0023 -0.0019	0.0048 -0.0039	0.6296 1.0125	1.2772 2.0154

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key															
190	9	6 7 8	0.903 -0.0102 0.0007	3.50 -0.0020 -0.0001	-0.0014 0.0010	-0.0148 1.0459 -1.0459	0.7185 7.0039	0.0419 -0.0312	0.0051 -0.0040	0.0112 -0.0097	0.6089 0.6566	1.3380 1.5651						
191	1	6 7 8	0.901 -0.0107 0.0130	-4.32 -0.0017 -0.0010	-0.0018 0.0046	-0.0291 0.8291 -0.3851	0.8587 1.8000	-0.0141 0.0332	-0.0045 0.0044	-0.0048 0.0086	1.6017 0.6699	1.7203 1.3043						
191	2	6 7 8	0.900 -0.0094 -0.0036	-2.34 -0.0018 0.0004	-0.0010 -0.0000	-0.0008 0.9972 -0.5721	0.5605 0.0069	-0.0108 0.0166	-0.0016 0.0022	-0.0039 0.0043	0.7698 0.6846	1.8103 1.3191						
191	3	6 7 8	0.902 -0.0090 -0.0041	-1.41 -0.0018 -0.0001	-0.0013 -0.0000	-0.0008 1.0415 0.1288	0.7515 0.0040	-0.0057 0.0114	-0.0009 0.0012	-0.0023 0.0025	0.8286 0.5698	2.0330 1.1214						
191	4	6 7 8	0.902 -0.0087 -0.0034	-0.86 -0.0021 -0.0003	-0.0005 -0.0003	-0.0008 1.2121 0.5387	0.3387 -0.4344	-0.0019 0.0075	-0.0003 0.0003	-0.0013 0.0017	0.9151 0.1581	3.5812 1.1846						
191	5	6 7 8	0.901 -0.0095 -0.0023	-0.39 -0.0019 -0.0001	-0.0011 0.0006	-0.0008 1.0436 0.2722	0.6278 -1.2791	0.0006 0.0053	-0.0000 -0.0001	-0.0001 0.0010	-0.0691 -0.1730	-1.1068 0.9752						
191	6	6 7 8	0.902 -0.0086 -0.0022	0.05 -0.0020 -0.0002	-0.0005 0.0006	-0.0008 1.2121 0.5813	0.3387 -1.3600	0.0040 0.0003	0.0003 -0.0012	0.0009 -0.0000	0.4081 -0.4363	1.1504 -0.0158						
191	7	6 7 8	0.901 -0.0091 -0.0019	0.58 -0.0022 -0.0001	-0.0007 0.0004	-0.0008 1.2081 0.3184	0.4002 -1.1327	0.0072 -0.0010	0.0010 -0.0012	0.0015 -0.0004	0.7225 6.1737	1.0537 2.1796						
191	8	6 7 8	0.903 -0.0074 -0.0002	1.57 -0.0022 0.0001	-0.0002 0.0009	-0.0008 1.4879 -2.7104	0.1911 -2.3328	0.0142 -0.0069	0.0019 -0.0019	0.0036 -0.0023	0.6898 1.3804	1.2840 1.6831						
191	9	6 7 8	0.902 -0.0090 0.0001	3.55 -0.0019 -0.0002	-0.0013 0.0012	-0.0008 1.0865 -7.5899	0.7342 32.1900	0.0298 -0.0225	0.0045 -0.0038	0.0080 -0.0073	0.7625 0.8525	1.3532 1.6206						
192	1	6 7 8	0.902 -0.0101 -0.0140	-4.34 -0.0018 -0.0007	-0.0013 0.0049	-0.0008 0.9291 -0.2668	0.6731 1.7670	0.0001 0.0199	-0.0042 0.0040	-0.0009 0.0054	1.0187 -34.7965	1.3674						

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
193	10	6	1.000	-0.003	-0.0015	0.0021	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009
		7	-0.0031	0.0009	-0.0015	0.0021	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009
		8	0.0004	0.0009	-0.0015	0.0021	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009	0.0009
193	11	6	1.000	-0.003	-0.0012	0.0019	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007
		7	-0.0021	0.0007	-0.0012	0.0019	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007
		8	0.0007	0.0007	-0.0012	0.0019	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007
193	12	6	1.003	0.015	-0.0017	0.0021	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004
		7	-0.0037	0.0004	-0.0017	0.0021	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004
		8	0.0073	0.0004	-0.0017	0.0021	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004
193	13	6	1.000	0.006	-0.0013	0.0019	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004
		7	-0.0026	0.0004	-0.0013	0.0019	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004
		8	0.0070	0.0004	-0.0013	0.0019	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004
193	14	6	1.003	0.006	-0.0017	0.0021	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
		7	-0.0038	0.0005	-0.0017	0.0021	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
		8	0.0078	0.0005	-0.0017	0.0021	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
193	15	6	1.001	0.005	-0.0016	0.0023	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
		7	-0.0034	0.0002	-0.0016	0.0023	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
		8	0.0079	0.0002	-0.0016	0.0023	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
193	17	6	1.002	0.002	-0.0016	0.0020	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007
		7	-0.0020	0.0007	-0.0016	0.0020	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007
		8	0.0077	0.0007	-0.0016	0.0020	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007
194	1	6	1.000	-0.003	-0.0014	0.0019	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
		7	-0.0039	0.0002	-0.0014	0.0019	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
		8	0.0003	0.0002	-0.0014	0.0019	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
194	2	6	0.999	-0.003	-0.0012	0.0019	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
		7	-0.0045	0.0003	-0.0012	0.0019	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
		8	0.0001	0.0003	-0.0012	0.0019	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
194	3	6	1.001	-0.003	-0.0014	0.0023	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
		7	-0.0043	0.0002	-0.0014	0.0023	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
		8	0.0013	0.0002	-0.0014	0.0023	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
194	4	6	1.000	-0.003	-0.0014	0.0019	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
		7	-0.0048	0.0002	-0.0014	0.0019	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
		8	0.0016	0.0002	-0.0014	0.0019	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
194	5	6	1.001	-0.0030	-0.0016	-0.498	1.3779	0.0004	0.0002	-0.0008	2.7484	-9.8957
		7	-0.0058	0.0006	0.0012	1.9508	3.6599	0.0070	0.0007	0.0018	0.5008	1.3007
		8	0.0016									
194	6	6	1.000	-0.0014	-0.0014	-0.00	1.3797	0.0039	0.0005	0.0008	0.6546	1.0413
		7	-0.0053	0.0006	0.0012	1.9508	3.6599	0.0029	0.0000	0.0005	0.1416	0.8929
		8	0.0016									
194	7	6	0.999	-0.0004	-0.0014	-0.00	1.3050	0.0093	0.0013	0.0020	0.7255	1.0983
		7	-0.0056	0.0004	0.0010	3.1883	8.0163	-0.0034	-0.0007	-0.0010	1.0983	1.5441
		8	0.0006									
194	8	6	1.003	-0.0004	-0.0013	-0.00	1.2545	0.0214	0.0032	0.0052	0.7581	1.2140
		7	-0.0053	0.0005	0.0013	1.4917	3.8092	-0.0135	-0.0021	-0.0042	0.7581	1.5514
		8	0.0017									
194	9	6	1.001	-0.0003	-0.0013	-0.00	1.2999	0.0504	0.0063	0.0135	0.6337	1.3460
		7	-0.0051	0.0001	0.0013	0.3192	3.6930	-0.0386	-0.0049	-0.0116	0.6337	1.4993
		8	0.0018									
195	1	6	1.002	-0.0003	-0.0016	-0.00	1.2604	-0.0344	-0.0050	-0.0112	0.7305	1.6307
		7	-0.0064	0.0001	0.0020	0.2540	2.3809	0.0457	0.0062	0.0123	0.6832	1.3461
		8	0.0043			0.1749						
195	2	6	1.000	-0.0003	-0.0013	-0.00	1.3818	-0.0191	-0.0027	-0.0063	0.7112	1.6896
		7	-0.0049	0.0003	0.0008	0.3429	5.4592	0.0242	0.0037	0.0065	0.7731	1.3550
		8	-0.0007			-2.2421						
195	3	6	0.999	-0.0002	-0.0012	-0.00	1.4465	-0.0093	-0.0013	-0.0036	0.7250	1.9221
		7	-0.0042	0.0002	0.0008	0.1287	4.3466	0.0151	0.0021	0.0041	0.6976	1.3640
		8	-0.0009			-1.1714						
195	4	6	1.001	-0.0003	-0.0014	-0.00	1.5194	-0.0043	-0.0006	-0.0027	0.7082	3.1549
		7	-0.0048	0.0003	0.0009	0.3475	37.9958	0.0110	0.0013	0.0030	0.6136	1.3862
		8	-0.0001			-13.0945						
195	5	6	1.000	-0.0003	-0.0013	-0.00	1.3818	0.0001	-0.0001	-0.0009	-3.5192	-29.5068
		7	-0.0048	0.0003	0.0010	0.3429	3.4889	0.0065	0.0003	0.0018	0.2856	1.4119
		8	0.0015			2.4771						
195	6	6	1.001	-0.0003	-0.0012	-0.00	1.1699	0.0036	0.0002	0.0001	0.4070	0.1944
		7	-0.0051	0.0003	0.0010	0.3149	14.8717	0.0038	0.0000	0.0009	0.0898	1.1957
		8	0.0003			5.9528						

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key										
195	7	6	1.001	0.66	-0.0012	-0.3149	1.1699	0.0093	0.0016	0.0011	-0.0016	0.6067	0.8248
		7	-0.0051	0.0004	0.0012	6.0748	17.1926	-0.0016	-0.0004	-0.0005	-0.0005	1.3139	1.6029
		8	0.0003										
195	8	6	1.000	1.71	-0.0012	-0.4373	1.1977	0.0204	0.0028	0.0048	0.6875	1.1753	
		7	-0.0050	0.0000	0.0010	0.9176	10.5100	-0.0124	-0.0022	-0.0036	0.8978	1.4894	
		8	-0.0005										
195	9	6	1.002	3.67	-0.0012	-0.00	1.1289	0.0417	0.0054	0.0106	0.6554	1.2764	
		7	-0.0053	0.0004	0.0012	0.4091	5.5414	-0.0325	-0.0044	-0.0094	0.6843	1.4551	
		8	0.0010	0.0003	0.0012	1.4043							
196	1	6	1.001	4.25	-0.0020	-0.00	1.3217	-0.0049	-0.0053	-0.0026	5.3951	2.6727	
		7	-0.0077	0.0003	0.0067	0.2127	1.5927	0.0294	0.0050	0.0082	0.8659	1.3975	
		8	0.0212	-0.0005		-0.1312							
196	2	6	1.002	2.28	-0.0009	-0.2414	1.0767	-0.0085	-0.0018	-0.0040	1.0714	2.3429	
		7	-0.0043	0.0002	0.0002	0.6880	-0.5163	0.0137	0.0025	0.0038	0.9431	1.4098	
		8	-0.0025	0.0003	0.0002								
196	3	6	1.000	1.36	-0.0010	-0.00	1.3239	-0.0042	-0.0010	-0.0019	1.2825	2.2722	
		7	-0.0040	0.0002	0.0004	0.2697	-0.8359	0.0098	0.0015	0.0026	0.8104	1.3480	
		8	-0.0024	0.0004	0.0004	-0.9713							
196	4	6	1.001	0.79	-0.0007	-0.00	1.0739	-0.0005	-0.0003	-0.0018	3.2401	9.2740	
		7	-0.0037	0.0002	0.0005	0.2844	-1.3612	0.0062	0.0006	0.0018	0.4787	1.4678	
		8	-0.0019	0.0003	0.0005	-0.8752							
196	5	6	1.004	0.32	-0.0007	-0.00	1.0739	0.0021	0.0001	-0.0004	0.4499	-0.9191	
		7	-0.0036	0.0002	0.0006	0.2844	-2.4795	0.0044	0.0002	0.0011	0.3167	1.3108	
		8	-0.0013	0.0003	0.0006	-1.2482							
196	6	6	0.999	0.16	-0.0007	-0.00	0.9483	0.0040	0.0003	0.0004	0.4909	0.5063	
		7	-0.0041	0.0002	0.0006	0.3800	-2.7293	0.0009	-0.0003	0.0003	-1.8289	2.0369	
		8	-0.0012	0.0002	0.0006	-0.9029							
196	7	6	1.001	0.61	-0.0009	-0.00	1.4977	0.0063	0.0007	0.0009	0.5821	0.7820	
		7	-0.0032	0.0002	0.0008	0.3583	56.4403	0.0001	-0.0001	-0.0000	-4.6233	-0.0080	
		8	0.0000	0.0004	0.0008	30.7411							
196	8	6	1.001	1.61	-0.0008	-0.00	1.3900	0.0119	0.0018	0.0022	0.7682	0.9437	
		7	-0.0029	0.0004	0.0009	0.7792	8.4236	-0.0057	-0.0013	-0.0013	1.1664	1.1783	
		8	0.0005	0.0005	0.0009	4.8914							

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key										
196	9	6 7 8	1.000 -0.0028 0.0008	-0.0005 0.0005 0.0005	-0.0006 0.0010 0.0006	-0.0006 0.0010 0.0006	0.3877 3.1506 0.0000	1.1864 6.2675 1.2739	0.0240 -0.0136 0.0012	0.0044 -0.0038 0.0048	0.0060 -0.0040 0.0061	0.9264 1.4172 -20.1159	1.2401 1.4715 -4.6216
197	1	6 7 8	1.004 -0.0064 0.00217	-0.0000 0.0000 -0.0002	-0.0016 0.0069 0.0000	-0.0016 0.0069 0.0000	-0.0000 0.0000 0.0000	1.6061 0.0494 0.0000	0.0228 0.0054 0.0000	0.0054 0.0054 0.0000	0.0061 0.0061 0.0000	1.1970 -1.3406 -4.6216	1.3406 -4.6216 -1.3406
197	2	6 7 8	1.001 -0.0021 -0.0031	-0.0000 0.0000 0.0000	-0.0009 0.0000 0.0000	-0.0009 0.0000 0.0000	-0.0000 0.0000 0.0000	1.5309 0.0085 0.0000	-0.0066 0.0097 0.0000	-0.0023 0.0024 0.0000	-0.0029 0.0030 0.0000	1.7682 1.2474 -1.2474	2.1973 1.5946 -1.5946
197	3	6 7 8	1.000 -0.0027 -0.0038	-0.0000 0.0000 0.0000	-0.0008 0.0000 0.0000	-0.0008 0.0000 0.0000	-0.0000 0.0000 0.0000	1.4583 0.0065 0.0000	-0.0029 0.0073 0.0000	-0.0012 0.0011 0.0000	-0.0015 0.0021 0.0000	2.1000 0.8040 -0.8040	2.5916 1.4643 -1.4643
197	4	6 7 8	1.004 -0.0022 -0.0037	-0.0000 0.0000 0.0000	-0.0005 0.0000 0.0000	-0.0005 0.0000 0.0000	-0.0000 0.0000 0.0000	1.1842 0.0065 0.0000	-0.0004 0.0055 0.0000	-0.0004 0.0007 0.0000	-0.0008 0.0014 0.0000	5.5715 0.6547 -0.6547	10.1065 1.3028 -1.3028
197	6	6 7 8	1.000 -0.0018 -0.0026	-0.0000 0.0002 0.0001	-0.0008 0.0002 0.0001	-0.0008 0.0002 0.0001	-0.0000 -0.6199 -0.2296	2.2629 -0.7574 0.0000	0.0015 0.0031 0.0000	-0.0000 0.0001 0.0000	-0.0001 0.0010 0.0000	-0.0716 0.2976 -0.2976	-0.4424 1.6983 -1.6983
197	7	6 7 8	1.000 -0.0032 -0.0007	-0.0000 0.0001 0.0003	-0.0009 0.0006 0.0000	-0.0009 0.0006 0.0000	-0.0000 -2.2920 0.0000	1.4431 -4.6074 0.0000	0.0041 0.0009 0.0000	0.0004 -0.0000 0.0000	0.0001 0.0002 0.0000	0.4903 -0.0625 -0.0625	0.1716 1.4391 -1.4391
197	8	6 7 8	1.000 -0.0028 -0.0012	-0.0000 0.0002 0.0002	-0.0006 0.0005 0.0000	-0.0006 0.0005 0.0000	-0.0000 0.3877 -0.9220	1.1864 -2.1991 0.0000	0.0055 -0.0009 0.0000	0.0007 -0.0002 0.0000	0.0008 -0.0003 0.0000	0.6537 1.0925 -1.0925	0.7434 2.0443 -2.0443
197	9	6 7 8	1.002 -0.0025 -0.0004	-0.0000 0.0007 0.0003	-0.0006 0.0009 0.0000	-0.0006 0.0009 0.0000	-0.0000 1.5617 -3.7424	1.3221 -10.7940 0.0000	0.0091 -0.0035 0.0000	0.0014 -0.0008 0.0000	0.0016 -0.0010 0.0000	0.7971 1.1980 -1.1980	0.8890 1.4631 -1.4631
197	10	6 7 8	1.002 -0.0042 0.0003	-0.0000 0.0004 0.0004	-0.0011 0.0009 0.0000	-0.0011 0.0009 0.0000	-0.0000 0.2519 5.8371	1.3845 12.6716 0.0000	0.0158 -0.0103 0.0000	0.0044 -0.0038 0.0000	0.0037 -0.0029 0.0000	1.4150 1.8742 -1.8742	1.1796 1.4332 -1.4332
198	4	6 7 8	1.204 -0.0072 0.00107	-0.0015 0.0015 0.0005	-0.0015 0.0040 0.0000	-0.0015 0.0040 0.0000	-0.0000 1.0946 0.2471	1.0628 1.8944 0.0000	0.0198 -0.0079 0.0000	-0.0030 0.0050 0.0000	0.0043 -0.0026 0.0000	-0.7711 -3.1787 3.1787	1.1007 1.6879 -1.6879

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
198	5	6	1.205	-2.20	-0.0011	-0.0014	-0.0011	-0.0014	-0.0011	-0.0014	-0.0011	-0.0014	-0.0011	-0.0014	-0.0011	-0.0014	-0.0011
		7	-0.0057	-0.0010	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
		8	0.0034	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
198	6	6	1.204	-1.21	-0.0006	-0.0011	-0.0006	-0.0011	-0.0006	-0.0011	-0.0006	-0.0011	-0.0006	-0.0011	-0.0006	-0.0011	-0.0006
		7	-0.0040	-0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
		8	-0.0052	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
198	7	6	1.202	-0.74	-0.0007	-0.0019	-0.0007	-0.0019	-0.0007	-0.0019	-0.0007	-0.0019	-0.0007	-0.0019	-0.0007	-0.0019	-0.0007
		7	-0.0045	-0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
		8	-0.0084	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
198	8	6	1.203	-0.23	-0.0008	-0.0010	-0.0008	-0.0010	-0.0008	-0.0010	-0.0008	-0.0010	-0.0008	-0.0010	-0.0008	-0.0010	-0.0008
		7	-0.0048	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
		8	-0.0049	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
198	9	6	1.202	0.28	-0.0007	-0.0000	-0.0007	-0.0000	-0.0007	-0.0000	-0.0007	-0.0000	-0.0007	-0.0000	-0.0007	-0.0000	-0.0007
		7	-0.0039	-0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
		8	-0.0017	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
198	10	6	1.202	0.70	-0.0012	-0.0004	-0.0012	-0.0004	-0.0012	-0.0004	-0.0012	-0.0004	-0.0012	-0.0004	-0.0012	-0.0004	-0.0012
		7	-0.0055	-0.0004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
		8	-0.0000	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
198	11	6	1.202	1.72	-0.0017	-0.0009	-0.0017	-0.0009	-0.0017	-0.0009	-0.0017	-0.0009	-0.0017	-0.0009	-0.0017	-0.0009	-0.0017
		7	-0.0057	-0.0004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
		8	0.0026	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
198	12	6	1.202	3.78	-0.0016	-0.0012	-0.0016	-0.0012	-0.0016	-0.0012	-0.0016	-0.0012	-0.0016	-0.0012	-0.0016	-0.0012	-0.0016
		7	-0.0057	-0.0016	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
		8	0.0032	0.0012	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
199	1	6	1.204	-4.15	-0.0020	-0.0008	-0.0020	-0.0008	-0.0020	-0.0008	-0.0020	-0.0008	-0.0020	-0.0008	-0.0020	-0.0008	-0.0020
		7	-0.0072	-0.0005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
		8	0.0031	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
199	2	6	1.202	-2.27	-0.0006	-0.0005	-0.0006	-0.0005	-0.0006	-0.0005	-0.0006	-0.0005	-0.0006	-0.0005	-0.0006	-0.0005	-0.0006
		7	-0.0033	-0.0004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
		8	-0.0029	0.0006	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
199	3	6	1.202	-1.28	-0.0007	-0.0012	-0.0007	-0.0012	-0.0007	-0.0012	-0.0007	-0.0012	-0.0007	-0.0012	-0.0007	-0.0012	-0.0007
		7	-0.0027	-0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
		8	-0.0060	0.0006	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
199	4	6	1.2041	-0.0074	-0.0011	-0.0183	1.3488	-0.0013	-0.0000	-0.0014	0.2571	5.4817					
		7	-0.0039	-0.0003	-0.0004	-0.2125	1.5826	0.0061	0.0008	0.0014	0.7161	1.1656					
199	5	6	1.202	-0.21	-0.0011	-0.0192	1.1514	0.0004	0.0002	-0.0005	2.8546	-5.7370					
		7	-0.0048	0.0000	0.0002	-0.6427	-0.7307	0.0043	0.0001	0.0009	0.1597	1.1252					
199	6	6	1.202	0.25	-0.0010	-0.00	1.0611	0.0052	0.0001	0.0011	0.1039	1.0699					
		7	-0.0051	-0.0000	-0.0004	-10.3151	-12.3346	-0.0019	-0.0000	-0.0003	0.1920	0.8384					
		8	-0.0001	0.0003	-0.0006	1.6427											
199	7	6	1.202	0.64	-0.0018	-0.00	1.4719	0.0081	0.0004	0.0016	0.2858	1.0030					
		7	-0.0061	0.0002	0.0006	1.6427	6.4537	-0.0044	0.0006	-0.0013	-0.7129	1.4906					
199	8	6	1.203	1.74	-0.0007	0.00	1.1735	0.0027	0.0035	0.0001	6.4192	0.2088					
		7	-0.0033	-0.0004	-0.0009	3.1095	4.3630	0.0013	-0.0022	-0.0000	-8.1594	-0.0099					
199	9	6	1.203	3.72	-0.0015	1.2987	1.4048	-0.0102	0.0074	-0.0033	-3.6190	1.6373					
		7	-0.0123	-0.0006	0.0015	1.2987	1.7498	0.0110	-0.0067	0.0024	-3.0752	1.0385					
200	1	6	1.202	-4.21	-0.0013	-0.00	1.6627	0.0009	-0.0121	-0.0005	-65.2820	-3.0726					
		7	-0.0041	0.0001	-0.0013	-0.3287	1.4752	0.0538	0.0072	0.0151	0.6739	1.4062					
200	2	6	1.202	-2.19	-0.0012	-0.00	2.0377	-0.0163	-0.0047	-0.0049	1.4403	1.5228					
		7	-0.0030	0.0001	-0.0003	-1.2761	0.4938	0.0187	0.0057	0.0049	1.5351	1.3141					
200	3	6	1.203	-1.21	-0.0009	-0.00	1.4857	-0.0073	-0.0024	-0.0027	1.6458	1.8931					
		7	-0.0030	0.0001	-0.0003	-1.4942	0.5793	0.0139	0.0032	0.0034	1.1448	1.2366					
200	4	6	1.203	-0.74	-0.0010	-0.00	1.6705	-0.0039	-0.0014	-0.0014	1.8539	1.8756					
		7	-0.0030	0.0001	-0.0004	-1.5093	-1.4065	0.0080	0.0015	0.0021	0.9522	1.3129					
200	5	6	1.202	-0.24	-0.0008	0.00	1.3879	0.0009	-0.0004	-0.0002	-2.1908	-1.2510					
		7	-0.0032	0.0000	-0.0005	-3.3974	-2.4900	0.0042	0.0005	0.0012	0.6098	1.4306					
200		8	-0.0011	0.0007	-0.0008	0.00											

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key											
200	6	6	1.293 -0.0034 0.0006	0.23 -0.0007 0.0007	-0.0007 0.0007 0.0007	-0.0007 0.0007 0.0007	0.5369 5.4759 5.4759	1.1394 5.4759 5.4759	0.0059 0.0003 0.0003	0.0004 -0.0002 -0.0002	0.0013 0.0001 0.0001	0.4081 -0.47395 -0.47395	1.1504 1.8051 1.8051	
200	7	6	1.203 -0.0034 0.0024	0.78 -0.0010 0.0007	-0.0004 0.0012 0.0012	-0.0004 0.0012 0.0012	0.00 1.4660 1.4598	0.6365 2.5213 2.5213	0.0108 -0.0043 -0.0043	0.0012 -0.0010 -0.0010	0.0026 -0.0009 -0.0009	0.5875 1.2382 1.2382	1.2084 1.1205 1.1205	
200	8	6	1.203 -0.0035 0.0031	1.73 -0.0009 0.0005	-0.0005 0.0014 0.0014	-0.0005 0.0014 0.0014	0.00 1.2952 0.8144	0.7748 2.3174 2.3174	0.0198 -0.0119 -0.0119	0.0037 -0.0028 -0.0028	0.0049 -0.0033 -0.0033	0.9428 1.1985 1.1985	1.2383 1.4161 1.4161	
200	9	6	1.203 -0.0073 0.0044	3.78 -0.0002 0.0004	-0.0021 0.0016 0.0016	-0.0021 0.0016 0.0016	0.00 0.1856 0.5626	1.4415 1.9064 1.9064	0.0260 -0.0351 -0.0351	0.0100 -0.0059 -0.0059	0.0067 -0.0103 -0.0103	1.9267 0.8469 0.8469	1.2858 1.4778 1.4778	
201	1	6	1.202 -0.0021 0.0025	-4.22 0.0002 0.0002	-0.0009 0.0012 0.0012	-0.0009 0.0012 0.0012	-0.00 -0.649 0.4879	2.1366 2.5315 2.5315	-0.0638 0.0786 0.0786	-0.0026 0.0004 0.0004	-0.0191 0.0227 0.0227	0.2113 0.0303 0.0303	1.5000 1.4465 1.4465	
201	2	6	1.203 -0.0024 0.0030	-2.18 0.0002 0.0007	-0.0011 0.0012 0.0012	-0.0011 0.0012 0.0012	-0.00 -0.5800 1.1926	2.3752 2.0840 2.0840	-0.0343 0.0399 0.0399	-0.0008 0.0003 0.0003	-0.0104 0.0117 0.0117	0.1185 0.0466 0.0466	1.5231 1.4738 1.4738	
201	3	6	1.203 -0.0024 0.0035	-1.21 0.0002 0.0005	-0.0009 0.0015 0.0015	-0.0009 0.0015 0.0015	-0.00 -0.6005 0.7497	1.9060 2.1428 2.1428	-0.0168 0.0228 0.0228	-0.0009 0.0001 0.0001	-0.0052 0.0067 0.0067	0.2699 0.0433 0.0433	1.5739 1.4897 1.4897	
201	4	6	1.203 -0.0020 0.0039	-0.76 0.0003 0.0003	-0.0010 0.0016 0.0016	-0.0010 0.0016 0.0016	-0.00 -0.9449 0.4070	2.5904 2.0383 2.0383	-0.0079 0.0147 0.0147	-0.0003 -0.0002 -0.0002	-0.0031 0.0047 0.0047	0.2260 -0.0991 -0.0991	1.9941 1.6108 1.6108	
201	5	6	1.203 -0.0030 0.0039	-0.20 0.0002 0.0003	-0.0009 0.0016 0.0016	-0.0009 0.0016 0.0016	-0.00 -0.3241 0.4070	1.4857 2.0383 2.0383	0.0000 0.0057 0.0057	-0.0002 -0.0005 -0.0005	-0.0004 -0.0022 -0.0022	-24.1478 -0.4985 -0.4985	38.2516 1.9741 1.9741	
201	6	6	1.202 -0.0024 0.0033	0.28 0.0002 0.0002	-0.0009 0.0013 0.0013	-0.0009 0.0013 0.0013	-0.00 -0.6005 0.3578	1.9060 2.1041 2.1041	0.0082 -0.0021 -0.0021	0.0001 -0.0006 -0.0006	0.0016 -0.0001 -0.0001	0.1040 1.5337 1.5337	0.9983 0.2443 0.2443	
201	7	6	1.203 -0.0018 0.0034	0.67 0.0004 0.0001	-0.0009 0.0015 0.0015	-0.0009 0.0015 0.0015	-0.00 -1.3029 0.1983	2.5078 2.2149 2.2149	0.0153 -0.0069 -0.0069	0.0004 -0.0009 -0.0009	0.0040 -0.0019 -0.0019	0.1493 0.7059 0.7059	1.3034 1.3772 1.3772	

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
201	8	6	1.203 -0.0036	1.75 0.0004	-0.0010 0.0013	-0.2971 0.5932	1.5404 1.9173	0.0322 -0.0237	0.0004 -0.0015	0.0087 -0.0065	0.0774 0.3265	1.3556 1.3830
201	9	6	1.203 -0.0040	3.77 0.0003	-0.0010 0.0016	-0.1537 0.4070	1.5885 2.0383	0.0694 -0.0580	0.0006 -0.0011	0.0194 -0.0167	0.0447 0.1018	1.4035 1.4456
202	1	6	1.203 0.0017 0.0059	-4.24 0.0010 0.0007	-0.0005 0.0011	-0.00 3.0071 0.5937	-1.6963 0.9710	-0.0823 0.0826	0.0019 -0.0037	-0.0239 0.0255	-0.1186 -0.2239	1.4553 1.5458
202	2	6	1.202 0.0010 0.0082	-2.20 0.0006 0.0009	-0.0005 0.0017	0.00 3.0036 0.5875	-2.6879 1.0517	-0.0410 0.0415	-0.0007 -0.0015	-0.0115 0.0132	0.0860 -0.1828	1.4027 1.5913
202	3	6	1.202 0.0012 0.0090	-1.25 0.0009 0.0009	-0.0006 0.0019	0.00 3.6151 0.5305	-2.6916 1.0893	-0.0216 0.0229	-0.0008 -0.0009	-0.0063 0.0077	0.1906 -0.2166	1.4623 1.7016
202	4	6	1.203 0.0008 0.0082	-0.74 0.0008 0.0006	-0.0008 0.0019	0.00 4.8140 0.4048	-4.6543 1.1872	-0.0122 0.0133	-0.0005 -0.0012	-0.0039 0.0051	0.2380 -0.4729	1.6232 1.9428
202	5	6	1.202 0.0017 0.0092	-0.26 0.0010 0.0007	-0.0006 0.0020	0.00 3.0059 0.4107	-2.0410 1.1285	-0.0031 0.0052	-0.0006 -0.0011	-0.0011 0.0024	1.0130 -1.0931	1.8601 2.3510
202	6	6	1.202 0.0010 0.0088	0.21 0.0009 0.0006	-0.0006 0.0019	0.00 4.5288 0.3781	-3.3546 1.1164	0.0062 -0.0029	-0.0003 -0.0011	0.0015 0.0002	-0.3145 1.9354	1.2239 -0.3984
202	7	6	1.203 0.0018 0.0078	0.71 0.0011 0.0005	-0.0004 0.0017	0.00 3.0088 0.3691	-1.2406 1.1024	0.0155 -0.0139	-0.0004 -0.0016	0.0043 -0.0027	-0.1401 0.6048	1.3853 0.9995
202	8	6	1.203 0.0004 0.0090	1.73 0.0010 0.0006	-0.0006 0.0021	0.00 12.3747 0.3637	-8.2010 1.2131	0.0358 -0.0319	-0.0005 -0.0015	0.0103 -0.0080	-0.0772 0.2405	1.4468 1.2584
202	9	6	1.204 0.0008 0.0097	3.83 0.0013 0.0007	-0.0008 0.0021	0.00 7.4332 0.3853	-4.5287 1.1277	0.0791 -0.0740	-0.0027 0.0002	0.0227 -0.0202	-0.1764 -0.0194	1.4356 1.3678

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
202	10	6 7 8	1.2921 0.0021 0.0086	-0.025 0.0011 0.0007	-0.0005 0.0019	0.374 2.6392 0.4392	-1.3691 1.1295	-0.0029 0.0038	-0.0008 -0.0013	-0.0009 0.0023	-1.4177 -1.7105	1.5818 3.0324
204	4	6 7 8	1.204 -0.0003 0.0026	-4.20 0.0001 -0.0002	0.0001 0.0015	-1.5045 -0.5019	-1.6762 3.0219	-0.0096 0.0101	-0.0074 0.0092	-0.0051 0.0035	3.8482 4.5409	2.6411 1.7484
204	5	6 7 8	1.203 -0.0014 -0.0026	-2.20 -0.0006 0.0002	0.0003 -0.0003	0.00 2.4233 -0.4282	-1.2953 0.6779	-0.0064 0.0055	-0.0045 0.0053	-0.0027 0.0018	3.5755 4.8637	2.1637 1.6996
204	6	6 7 8	1.203 -0.0014 -0.0026	-1.12 -0.0008 0.0002	0.0002 -0.0000	0.00 3.0120 -0.4058	-0.8249 0.0062	-0.0015 0.0037	-0.0021 0.0027	-0.0007 0.0012	6.7813 3.7132	2.3095 1.7275
204	7	6 7 8	1.203 -0.0012 -0.0015	-0.73 -0.0005 0.0002	0.0002 0.0001	-0.00 2.3503 -0.6542	-0.9767 -0.3637	-0.0005 0.0047	-0.0013 0.0020	-0.0005 0.0013	12.9092 2.1560	5.8978 1.4732
204	8	6 7 8	1.203 -0.0022 -0.0010	-0.21 -0.0003 0.0001	-0.0001 0.0003	-0.00 0.8415 -0.9415	0.2503 -1.6604	0.0018 0.0040	-0.0000 0.0006	0.0000 0.0009	-0.0733 0.7979	0.0052 1.1321
204	9	6 7 8	1.202 -0.0026 -0.0007	0.20 -0.0001 0.0001	-0.0004 0.0003	-0.3371 -1.2582	0.8547 -2.2386	0.0038 0.0026	-0.0005 -0.0000	0.0008 0.0002	-0.7045 -0.0412	1.0814 0.4238
204	10	6 7 8	1.203 -0.0039 -0.0008	0.78 -0.0001 0.0004	-0.0004 0.0004	-0.00 0.2315 -2.9456	1.2937 -2.7765	0.0050 -0.0002	0.0016 -0.0011	-0.0013 -0.0007	1.6335 20.9321	1.3567 14.5443
204	11	6 7 8	1.203 -0.0030 0.0023	1.83 -0.0004 0.0005	-0.0007 0.0014	0.00 0.7595 1.0927	1.2708 3.0686	0.0094 -0.0042	0.0047 -0.0035	0.0028 -0.0022	2.5358 4.1765	1.5177 2.5140
204	12	6 7 8	1.204 -0.0121 0.0073	3.75 -0.0013 0.0005	-0.0043 0.0030	0.00 0.5512 0.3684	1.7910 2.0744	0.0121 -0.0119	0.0081 -0.0077	0.0048 -0.0056	3.3659 3.2494	2.0154 2.3548
205	1	6 7 8	1.202 0.0000 -0.0127	-4.14 0.0006 0.0018	-0.0005 -0.0042	0.00 66.4954 -0.7216	-57.8934 -1.6655	-0.0519 0.0411	-0.0082 0.0108	-0.0211 0.0152	0.7907 1.3225	2.0342 1.8508

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key											
205	2	6 7 8	1.202 -0.0016 -0.0005	-2.20 0.0007 0.0012	-0.0011 0.0005 0.0000	-0.0007 0.0000 0.0010	-0.0011 -2.3355 -10.4759	3.5373 -4.7103	-0.0309 0.0314	-0.0046 0.0059	-0.0124 0.0115	0.7503 0.9227	2.0203 1.0278	
205	3	6 7 8	1.204 -0.0021 -0.0001	-1.27 0.0005 0.0010	-0.0010 0.0007 0.0000	-1.3109 -36.6872	2.3536 -27.6550	-0.0168 0.0200	-0.0024 0.0030	-0.0072 0.0075	0.7203 0.7660	2.1520 1.8918		
205	4	6 7 8	1.203 -0.0037 0.0005	-0.68 0.0000 0.0008	-0.0013 0.0011	-0.1238 7.5436	1.8217 10.1910	-0.0075 0.0124	-0.0018 0.0015	-0.0033 0.0046	1.1916 0.6172	2.1968 1.8671		
205	5	6 7 8	1.203 -0.0035 0.0021	-0.20 0.0000 0.0010	-0.0008 0.0014	-0.0156 2.3477	1.2503 3.4266	-0.0004 0.0056	-0.0007 0.0003	-0.0005 0.0023	0.2467 0.3494	6.1664 2.0753		
205	6	6 7 8	1.202 -0.0023 0.0024	0.29 -0.0001 0.0009	-0.0007 0.0015	-0.00 0.4030 1.8112	1.6590 3.1684	0.0054 0.0015	0.0004 -0.0004	0.0014 0.0003	0.4531 -1.6000	1.3624 1.0737		
205	7	6 7 8	1.203 -0.0027 0.0040	0.81 -0.0000 0.0005	-0.0008 0.0020	-0.1745 0.7286	1.6480 2.5026	0.0134 -0.0062	0.0016 -0.0020	0.0047 -0.0023	0.6022 1.6615	1.7823 1.8397		
205	8	6 7 8	1.203 -0.0036 0.0006	1.82 -0.0006 0.0003	-0.0007 0.0029	0.8949 0.2633	1.0732 2.1638	0.0278 -0.0201	0.0040 -0.0038	0.0095 -0.0080	0.7288 0.9470	1.7090 2.0059		
205	9	6 7 8	1.203 -0.0055 0.0091	5.73 -0.0005 0.0000	-0.0021 0.0035	0.4331 -0.0326	1.6182 1.9624	0.0441 -0.0514	0.0095 -0.0059	0.0161 -0.0201	1.0784 0.5788	1.8317 1.9639		
206	1	6 7 8	1.201 0.0025 0.0087	-4.08 0.0018 0.0005	-0.0006 0.0023	0.0000 3.6112 0.3139	-1.3297 1.3667	-0.1077 0.1016	0.0038 -0.0063	-0.0394 -0.0398	-0.1780 -0.3119	1.8303 1.9570		
206	2	6 7 8	1.202 0.0021 0.0119	-2.29 0.0017 0.0004	-0.0007 0.0034	0.0000 4.0845 0.1698	-1.8441 1.4351	-0.0607 0.0566	0.0014 -0.0042	-0.0223 0.0232	-0.1161 -0.3794	1.8422 2.0516		
206	3	6 7 8	1.202 0.0030 0.0119	-1.27 0.0015 0.0002	-0.0003 0.0033	0.0000 2.4905 0.0905	-0.5844 1.3932	-0.0343 0.0327	0.0003 -0.0031	-0.0123 0.0140	-0.0554 -0.4759	1.7970 2.1446		

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
206	4	6 7 8	1.203	-0.78	-0.0006	3.2991	0.0107	-1.2835	-0.0212	0.0001	-0.0077	-0.0377	1.8182				
			0.0027	0.0000	0.0033	0.0107	-1.4313	0.0187	-0.0023	0.0087	-0.0248	2.3178					
			0.0117														
206	5	6 7 8	1.203	-0.18	-0.0004	3.0096	0.0129	-0.9918	-0.0068	-0.0005	-0.0018	0.4286	1.3882				
			0.0023	0.0000	0.0032	0.0129	1.4130	0.0031	-0.0021	0.0031	-0.0031	-0.3953	3.0524				
			0.0115														
206	6	6 7 8	1.201	0.27	-0.0008	5.5937	0.0955	-2.6480	0.0051	-0.0008	0.0023	-0.8494	2.2808				
			0.0015	0.0002	0.0035	0.0955	1.5779	-0.0075	-0.0012	-0.0013	0.8609	0.8991					
			0.0116														
206	7	6 7 8	1.201	0.80	-0.0008	5.5937	0.0688	-2.6480	0.0195	-0.0013	0.0074	-0.3323	1.8960				
			0.0015	0.0001	0.0030	0.0688	1.4573	-0.0218	-0.0010	-0.0062	0.2467	1.4228					
			0.0104														
206	8	6 7 8	1.203	1.78	-0.0010	8.5375	0.1449	-5.1923	0.0447	-0.0023	0.0171	-0.2671	1.9205				
			0.0013	0.0003	0.0033	0.1449	1.5047	-0.0464	-0.0001	-0.0156	0.0111	1.6831					
			0.0112														
206	9	6 7 8	1.203	5.92	-0.0009	4.9564	0.1813	-2.8575	0.0991	-0.0054	0.0373	-0.2734	1.8851				
			0.0016	0.0004	0.0032	0.1813	1.3988	-0.0991	-0.0022	-0.0352	-0.1149	1.7769					
			0.0116														
206	10	6 7 8	1.201	-0.24	-0.0003	2.5400	0.0153	-0.5301	-0.0072	-0.0003	-0.0023	0.2594	1.6298				
			0.0033	0.0000	0.0031	0.0153	1.3938	0.0052	-0.0018	0.0036	-1.7949	3.4927					
			0.0112														
207	1	6 7 8	1.000	-4.21	-0.0002	-0.7120	0.3004	1.6738	-0.0368	-0.0056	-0.0156	0.7622	2.1238				
			-0.0008	0.0000	-0.0004	-0.0020	-0.3004		1.3806	0.0318	0.0065	0.0120	1.0274	1.9064			
			-0.0074														
207	2	6 7 8	1.000	-2.23	-0.0010	0.0027	0.8867	1.7480	-0.0165	-0.0020	-0.0075	0.8544	2.2732				
			-0.0030	0.0000	0.0009	0.0009	0.8867		3.3788	0.0197	0.0034	0.0075	0.8789	1.9092			
			0.0005														
207	3	6 7 8	1.001	-1.29	-0.0008	0.2462	-0.3405	1.7225	-0.0106	-0.0022	-0.0050	1.0470	2.3690				
			-0.0023	0.0001	0.0005	-0.3405	-4.1069	0.0111	0.0020	0.0044	0.9363	1.9963					
			-0.0006														
207	4	6 7 8	1.000	-0.77	-0.0009	0.2197	0.4027	1.7758	-0.0052	-0.0013	-0.0027	1.3155	2.5592				
			-0.0026	0.0006	0.0010	0.0010	2.4027		3.9714	0.0075	0.0012	0.0032	0.8139	2.1588			
			0.0013														

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
207	5	5	1.000 -0.0025 0.0016	-0.0001 0.0006 0.0001	-0.0026 0.0006 0.0001	-0.0006 0.0010 0.0009	-0.0022 0.0023 0.0023	1.2705 3.2344 0.0004	-0.0003 0.0004 0.0004	-0.0013 0.0019 0.0019	3.3551 0.5885 0.5885	13.7742 2.3357 2.3357
207	6	6	1.000 -0.0017 0.0003	0.0001 0.0002 0.0002	0.0019 0.0001 0.0002	-0.0002 0.0009 0.0009	-0.0002 0.0018 0.0018	0.1777 15.3607 0.0002	0.0002 0.0002 0.0002	0.0001 0.0005 0.0005	0.1754 -0.3855 -0.3855	0.3001 11.8856 11.8856
207	7	7	1.000 -0.0028 0.0016	0.0002 0.0002 0.0002	0.0002 0.0002 0.0002	-0.0008 0.0016 0.0016	-0.0008 0.0018 0.0018	1.4233 4.9960 0.0002	0.0010 0.0010 0.0010	0.0013 0.0005 0.0005	0.7864 1.7217 1.7217	1.0242 0.9052 0.9052
207	8	8	0.596 -0.0034 0.0029	1.77 -0.0005 0.0002	1.77 -0.0005 0.0002	-0.0009 0.0020 0.0020	-0.0009 0.0020 0.0020	1.3854 3.4959 0.0002	0.0022 0.0014 0.0014	0.0044 -0.0036 -0.0036	0.7459 0.9120 0.9120	1.4875 2.2370 2.2370
207	9	9	1.000 -0.0053 0.0049	3.70 -0.0004 0.0003	3.70 -0.0004 0.0003	-0.0018 0.0027 0.0027	-0.0018 0.0027 0.0027	1.7532 2.7593 0.0002	0.0050 0.0042 0.0042	0.0107 -0.0105 -0.0105	0.8488 0.8285 0.8285	1.7850 2.0629 2.0629
208	1	1	1.001 -0.0055 0.0027	-4.51 -0.0001 0.0007	-4.51 -0.0001 0.0007	-0.0017 0.0019 0.0019	-0.0017 0.0019 0.0019	1.6133 3.4634 0.0002	0.0064 0.0086 0.0086	0.0202 -0.0186 -0.0186	0.6449 0.8480 0.8480	2.0255 1.8175 1.8175
208	2	2	1.001 -0.0042 0.0024	-2.25 -0.0001 0.0011	-2.25 -0.0001 0.0011	-0.0015 0.0012 0.0012	-0.0015 0.0012 0.0012	1.7656 2.5186 0.0002	0.0037 0.0050 0.0050	0.0107 -0.0106 -0.0106	0.7226 0.8327 0.8327	2.0307 1.7612 1.7612
208	3	3	0.998 -0.0037 0.0027	-1.30 -0.0000 0.0007	-1.30 -0.0000 0.0007	-0.0013 0.0016 0.0016	-0.0013 0.0016 0.0016	1.8201 2.9481 0.0002	0.0021 0.0028 0.0028	0.0067 -0.0067 -0.0067	0.6820 0.7535 0.7535	2.0817 1.7706 1.7706
208	4	4	1.001 -0.0034 0.0033	-0.0007 -0.0007 0.0007	-0.0007 -0.0007 0.0007	-0.0012 0.0019 0.0019	-0.0012 0.0019 0.0019	1.7874 2.8233 0.0002	0.0014 0.0020 0.0020	0.0043 -0.0047 -0.0047	0.7202 0.7297 0.7297	2.1172 1.7072 1.7072
208	5	5	1.000 -0.0046 0.0034	-0.0003 -0.0003 0.0003	-0.0003 -0.0003 0.0003	-0.0014 0.0020 0.0020	-0.0014 0.0020 0.0020	1.6211 2.9841 0.0002	0.0005 0.0016 0.0016	0.0019 -0.0028 -0.0028	0.7912 0.8370 0.8370	2.9228 1.4631 1.4631
208	6	6	1.001 -0.0052 0.0031	0.24 -0.0003 0.0003	0.24 -0.0003 0.0003	-0.0014 0.0020 0.0020	-0.0014 0.0020 0.0020	1.4296 3.2832 0.0002	0.0000 0.0004 0.0004	0.0009 0.0002 0.0002	0.1034 0.8349 0.8349	1.5009 0.5064 0.5064

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
208	7	6	1.000	0.004	0.003	0.009	-0.0013	-0.0023	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	8	6	-0.0051	-0.0004	-0.0003	1.3307	0.0090	-0.0031	-0.0003	0.0009	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026	0.0026
208	8	6	0.0037	0.0003	0.0003	3.1153	-0.0031	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003
	7	6	1.000	0.004	0.003	1.5574	0.0206	-0.0141	-0.0013	0.0027	0.0067	0.0067	0.0067	0.0067	0.0067	0.0067	0.0067
	8	6	-0.0047	-0.0004	-0.0002	3.4847	-0.0141	-0.0013	-0.0013	-0.0013	-0.0013	-0.0013	-0.0013	-0.0013	-0.0013	-0.0013	-0.0013
208	9	6	0.0035	0.0002	0.0002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	7	6	1.000	0.004	0.003	1.3797	0.0433	-0.0369	-0.0043	0.0059	0.0156	0.0156	0.0156	0.0156	0.0156	0.0156	0.0156
	8	6	-0.0053	-0.0004	-0.0003	2.6170	-0.0369	-0.0043	-0.0043	-0.0043	-0.0043	-0.0043	-0.0043	-0.0043	-0.0043	-0.0043	-0.0043
209	1	6	0.0049	0.0003	0.0003	15.8082	-0.1141	0.0001	-0.0009	0.0001	-0.0420	-0.0420	-0.0420	-0.0420	-0.0420	-0.0420	-0.0420
	7	6	1.001	0.004	0.003	1.6123	0.1117	-0.0009	-0.0009	-0.0009	-0.0425	-0.0425	-0.0425	-0.0425	-0.0425	-0.0425	-0.0425
	8	6	-0.0005	-0.0004	-0.0004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
209	2	6	0.0110	0.0004	0.0004	-4.1330	-0.0592	-0.0013	-0.0004	-0.0013	-0.0218	-0.0218	-0.0218	-0.0218	-0.0218	-0.0218	-0.0218
	7	6	1.002	0.004	0.003	1.5329	0.0571	-0.0004	-0.0004	-0.0004	-0.0223	-0.0223	-0.0223	-0.0223	-0.0223	-0.0223	-0.0223
	8	6	-0.0014	-0.0006	-0.0006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
209	3	6	0.0129	0.0006	0.0006	-2.6575	-0.0367	-0.0010	-0.0000	-0.0010	-0.0132	-0.0132	-0.0132	-0.0132	-0.0132	-0.0132	-0.0132
	7	6	1.002	0.004	0.003	1.5707	0.0360	-0.0000	-0.0000	-0.0000	-0.0141	-0.0141	-0.0141	-0.0141	-0.0141	-0.0141	-0.0141
	8	6	-0.0019	-0.0006	-0.0006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
209	4	6	0.0126	0.0006	0.0006	-6.4320	-0.0244	-0.0007	-0.0003	-0.0007	-0.0089	-0.0089	-0.0089	-0.0089	-0.0089	-0.0089	-0.0089
	7	6	1.002	0.004	0.003	1.5637	0.0236	-0.0003	-0.0003	-0.0003	-0.0097	-0.0097	-0.0097	-0.0097	-0.0097	-0.0097	-0.0097
	8	6	-0.0011	-0.0007	-0.0007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
209	5	6	0.0131	0.0007	0.0007	-13.7975	-0.0107	-0.0005	-0.0005	-0.0005	-0.0038	-0.0038	-0.0038	-0.0038	-0.0038	-0.0038	-0.0038
	7	6	1.002	0.004	0.003	1.4975	0.0107	-0.0005	-0.0005	-0.0005	-0.0050	-0.0050	-0.0050	-0.0050	-0.0050	-0.0050	-0.0050
	8	6	-0.0004	-0.0006	-0.0006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
209	6	6	0.0123	0.0006	0.0006	17.4776	0.0015	-0.0007	-0.0005	-0.0007	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008
	7	6	1.000	0.004	0.003	1.6198	-0.0021	-0.0005	-0.0005	-0.0005	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
	8	6	-0.0004	-0.0005	-0.0005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
209	7	6	0.0118	0.0005	0.0005	11.0357	0.0125	-0.0006	-0.0004	-0.0006	0.0051	0.0051	0.0051	0.0051	0.0051	0.0051	0.0051
	7	6	0.999	0.001	0.001	1.7359	-0.0143	-0.0004	-0.0004	-0.0004	-0.0046	-0.0046	-0.0046	-0.0046	-0.0046	-0.0046	-0.0046
	8	6	-0.0007	-0.0001	-0.0001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
209	8	6	0.0106	0.0001	0.0001	5.1064	0.0375	-0.0007	-0.0004	-0.0007	0.0148	0.0148	0.0148	0.0148	0.0148	0.0148	0.0148
	7	6	1.003	0.001	0.001	1.5626	-0.0389	-0.0004	-0.0004	-0.0004	-0.0135	-0.0135	-0.0135	-0.0135	-0.0135	-0.0135	-0.0135
	8	6	-0.0017	-0.0003	-0.0003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
209		6	0.0122	0.0003	0.0003	1.9025	-0.0378	-0.0004	-0.0004	-0.0004	-0.0057	-0.0057	-0.0057	-0.0057	-0.0057	-0.0057	-0.0057
		6	-0.0017	-0.0003	-0.0003	1.7378	-0.0378	-0.0004	-0.0004	-0.0004	-0.0057	-0.0057	-0.0057	-0.0057	-0.0057	-0.0057	-0.0057
		6	0.0122	0.0003	0.0003	1.9025	-0.0378	-0.0004	-0.0004	-0.0004	-0.0057	-0.0057	-0.0057	-0.0057	-0.0057	-0.0057	-0.0057

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key										
209	9	9	1.000	3.62	-0.0017	-5.4978	0.00	6.1992	0.0900	0.0004	0.0336	0.0253	1.8830
		8	-0.0014	0.0001	0.0034	0.0862	0.0005	1.6050	-0.0905	-0.0005	-0.0330	0.0312	1.8263
209	10	9	1.001	-0.33	-0.0015	11.2604	0.00	-9.4841	-0.0119	-0.0006	-0.0041	0.2594	1.7479
		8	0.0007	0.0004	0.0037	0.1722	0.0007	1.5864	0.0092	-0.0007	0.0045	-0.3971	2.4739
210	1	9	0.901	-4.39	-0.0023	0.3759	-0.00	1.4625	-0.0266	-0.0047	-0.0119	0.8823	2.2309
		8	-0.0068	-0.0005	0.0038	0.4021	0.0056	2.0614	0.0308	0.0056	0.0123	0.9220	1.9951
210	2	9	0.902	-2.50	-0.0012	-0.00	-0.00	1.9401	-0.0151	-0.0028	-0.0069	0.9523	2.2585
		8	-0.0031	-0.0000	0.0010	2.6156	0.0032	2.2264	0.0173	0.0032	0.0070	0.9308	2.0348
210	3	9	0.901	-1.41	-0.0007	0.383	-0.00	2.7122	-0.0060	-0.0011	-0.0038	0.9866	3.1918
		8	-0.0013	-0.0006	0.0009	10.6712	0.0023	15.5816	0.0094	0.0023	0.0035	1.2229	1.9010
210	4	9	0.900	-0.88	-0.0009	-0.344	-0.00	2.6061	-0.0039	-0.0013	-0.0019	1.7278	2.5424
		8	-0.0017	-0.0000	0.0009	10.6712	0.0013	15.5816	0.0059	0.0013	0.0026	1.0918	2.2271
210	5	9	0.902	-0.40	-0.0008	-0.259	-0.00	1.4857	-0.0004	-0.0004	-0.0013	5.8378	15.9363
		8	-0.0017	0.0008	0.0010	2.4711	0.0008	3.0335	-0.0030	0.0008	0.0116	1.3433	2.6139
210	6	9	0.900	0.07	-0.0007	-0.510	-0.00	1.5141	0.0020	-0.0000	0.0000	-0.0733	0.0052
		8	-0.0025	-0.0008	0.0012	2.0561	0.0002	2.9071	0.0007	0.0002	0.0007	1.6090	5.0856
210	7	9	0.900	0.66	-0.0010	-0.4584	-0.00	1.8586	0.0043	0.0003	0.0009	0.3703	1.0605
		8	-0.0028	-0.0007	0.0016	1.2328	0.0002	3.8500	-0.0011	-0.0002	0.0000	1.1163	-0.0183
210	8	9	0.901	1.67	-0.0010	-0.4584	-0.00	1.8586	0.0124	0.0019	0.0033	0.7923	1.3343
		8	-0.0028	-0.0006	0.0022	0.8108	0.0006	2.6869	-0.0080	-0.0015	-0.0027	0.9487	1.7318
210	9	9	0.901	3.57	-0.0014	-0.2571	-0.00	1.5377	0.0256	0.0042	0.0090	0.8362	1.7572
		8	-0.0047	-0.0002	-0.0026	0.6368	0.0006	2.6032	-0.0218	-0.0035	-0.0085	0.8074	1.9588

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
211	1	6	0.902	-4.35	-0.0015	-0.0001	-0.0009	0.0047	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043
		7	-0.0047	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001
		8	0.0043	0.0009	0.0021	1.0963	1.6063	-0.0387	-0.0057	-0.0062	0.0163	0.0155	0.7376	2.1132	0.6117	2.0214	2.0214
211	2	6	0.902	-2.39	-0.0015	-0.0001	-0.0009	0.0047	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043
		7	-0.0046	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001
		8	0.0008	0.0009	0.0013	5.5728	1.6063	-0.0202	-0.0031	-0.0033	0.0092	0.0090	0.7760	2.2756	0.7544	2.0269	2.0269
211	3	6	0.901	-1.35	-0.0013	-0.0001	-0.0009	0.0047	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043
		7	-0.0032	0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001
		8	0.0017	0.0008	0.0015	2.4893	2.0905	-0.0110	-0.0017	-0.0017	0.0055	0.0056	0.7893	2.4955	0.7220	2.3676	2.3676
211	4	6	0.902	-0.97	-0.0013	-0.0001	-0.0009	0.0047	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043
		7	-0.0037	-0.0000	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001
		8	0.0029	0.0009	0.0016	1.6365	1.7874	-0.0078	-0.0016	-0.0011	0.0039	0.0039	1.0641	2.5361	0.6985	2.4554	2.4554
211	5	6	0.902	-0.42	-0.0011	-0.0001	-0.0009	0.0047	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043
		7	-0.0036	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001
		8	0.0026	0.0005	0.0017	1.0907	1.6480	-0.0003	-0.0002	-0.0005	0.0013	0.0023	3.5014	19.4946	0.6349	2.6326	2.6326
211	6	6	0.901	0.14	-0.0011	-0.0001	-0.0009	0.0047	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043
		7	-0.0042	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001
		8	0.0031	0.0003	0.0023	0.4707	1.3879	0.0028	-0.0001	-0.0002	0.0003	0.0007	-0.3020	0.5425	0.9292	0.9693	0.9693
211	7	6	0.902	0.61	-0.0013	-0.0001	-0.0009	0.0047	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043
		7	-0.0041	-0.0002	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001
		8	0.0035	0.0002	0.0023	0.4211	3.3791	-0.0044	-0.0008	-0.0008	0.0018	0.0008	0.4982	1.1693	0.9292	0.9693	0.9693
211	8	6	0.902	1.56	-0.0011	-0.0001	-0.0009	0.0047	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043
		7	-0.0032	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001
		8	0.0047	0.0004	0.0026	0.4293	1.8179	0.0163	0.0013	-0.0016	0.0048	0.0042	0.5819	1.4714	0.7501	1.8544	1.8544
211	9	6	0.902	3.64	-0.0019	-0.0001	-0.0009	0.0047	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043
		7	-0.0058	-0.0006	-0.0031	0.4896	1.6290	0.0358	0.0047	-0.0046	0.0127	0.0130	0.6636	1.7792	0.6782	1.8787	1.8787
		8	0.0064	0.0006	0.0031	0.4896	2.4127	-0.0346	-0.0046	-0.0046	-0.0130	-0.0130	0.6636	1.7792	0.6782	1.8787	1.8787
212	1	6	0.902	-4.45	-0.0015	-0.0001	-0.0009	0.0047	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043
		7	-0.0001	0.0010	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001
		8	0.0084	0.0011	0.0034	0.6726	73.6542	-0.0952	-0.0053	-0.0042	0.0363	0.0364	0.2835	1.9103	0.2346	1.9978	1.9978
212	2	6	0.902	-2.42	-0.0012	-0.0001	-0.0009	0.0047	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043	0.0043
		7	-0.0002	0.0009	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001	-0.0001
		8	0.0075	0.0011	0.0027	0.7784	24.3187	-0.0455	-0.0044	-0.0030	0.0173	0.0167	0.4891	1.9073	0.3910	2.1804	2.1804

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key											
212	3	5 6	0.901 -0.0003 0.0073	-1.29 0.0008 0.0010	-0.0012-14.3801 0.0027 0.7136	0.00 20.3526 1.8796	-0.0221 0.0159	-0.0028 0.0015	-0.0091 0.0082	0.6540 0.4806	2.0710 2.5906			
212	4	6 7 8	0.901 -0.0003 0.0080	-0.90 0.0008 0.0012	-0.0012-14.3801 0.0032 0.7985	0.00 20.3526 1.9904	-0.0160 0.0099	-0.0023 0.0011	-0.0066 0.0061	0.7322 0.5539	2.0862 2.1055			
212	5	6 7 8	0.901 -0.0004 0.0077	-0.40 0.0010 0.0013	-0.0010-11.8302 0.0029 0.8386	0.00 12.6326 1.8775	-0.0071 0.0018	-0.0011 0.0000	-0.0034 0.0025	0.8303 0.1722	2.3933 2.9063			
212	6	6 7 8	0.901 -0.0000 0.0081	0.12 0.0010 0.0013	-0.0010-60.6977 0.0029 0.8005	0.00 65.1679 1.7964	-0.0002 -0.0049	-0.0003 -0.0008	-0.0001 -0.0002	6.8053 0.8697	2.7075 0.2852			
212	7	6 7 8	0.900 -0.0008 0.0065	0.65 0.0007 0.0007	-0.0012-4.3554 0.0029 0.6034	0.00 7.1737 2.2220	0.0078 -0.0114	0.0009 -0.0017	0.0031 -0.0031	0.5933 0.7825	1.9907 1.3710			
212	8	6 7 8	0.901 -0.0004 0.0073	1.68 0.0009 0.0010	-0.0012-11.5376 0.0029 0.7124	0.00 14.1679 1.9867	0.0255 -0.0278	0.0023 -0.0036	0.0096 -0.0091	0.4609 0.6476	1.8871 1.6393			
212	9	6 7 8	0.900 -0.0012 0.0073	3.71 0.0007 0.0010	-0.0013-3.0832 0.0029 0.7124	0.00 5.7210 1.9867	0.0747 -0.0773	0.0038 -0.0059	0.0281 -0.0268	0.2549 0.3856	1.8818 1.7341			
212	10	6 7 8	0.900 -0.0006 0.0075	-0.42 0.0008 0.0011	-0.0012-6.7703 0.0029 0.7773	0.00 9.5254 1.9305	-0.0079 0.0023	-0.0014 0.0001	-0.0031 0.0031	0.9063 0.3707	1.9601 6.6182			
213	1	6 7 8	0.700 0.0012 0.0110	-4.52 0.0019 0.0009	-0.0015 7.6954 0.0037 0.4234	0.00 -6.0060 1.6791	-0.0895 0.0828	-0.0040 0.0026	-0.0340 0.0333	0.2278 0.1584	1.9043 2.0102			
213	2	6 7 8	0.700 0.0017 0.0105	-2.48 0.0019 0.0009	-0.0013 5.5333 0.0034 0.4470	0.00 -3.7027 1.6528	-0.0445 0.0354	-0.0029 0.0010	-0.0170 0.0160	0.3337 0.1533	1.9129 2.2563			
213	3	6 7 8	0.699 -0.0023 0.0118	-1.47 0.0012 0.0011	-0.0021-2.5885 0.0041 0.4671	0.00 4.5368 1.7538	-0.0303 0.0207	-0.0024 0.0003	-0.0119 0.0104	0.4070 0.0920	1.9711 2.5240			

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key												
213	4	6	0.700 -0.0017 0.0125	-1.05 0.0010 0.0009	-0.0017 0.0043	-3.1280 0.3636	0.0009	-0.0010	0.0043	5.1174 1.7458	-0.0202 0.0137	-0.0015 0.0001	-0.0068 0.0076	0.3736 0.0427	2.1809 2.7956
213	5	6	0.700 -0.0026 0.0123	-0.51 0.0010 0.0011	-0.0019 0.0041	-1.9891 0.4465	0.0011	-0.0010	0.0041	3.6423 1.6829	-0.0116 0.0037	-0.0011 -0.0004	-0.0050 0.0036	0.4717 -0.6262	2.1743 4.8677
213	6	6	0.700 -0.0014 0.0110	-0.02 0.0008 0.0009	-0.0013 0.0039	-2.9957 0.4218	0.0008	-0.0008	0.0039	4.3758 1.7800	-0.0005 -0.0072	-0.0003 -0.0010	-0.0008 -0.0006	3.2036 0.7165	7.8490 0.4253
213	7	6	0.700 -0.0034 0.0099	0.51 0.0008 0.0005	-0.0017 0.0037	-1.3029 0.2891	0.0005	0.0008	0.0037	2.5078 1.8655	0.0123 -0.0189	0.0005 -0.0017	0.0037 -0.0048	0.2240 0.4620	1.5196 1.2814
213	8	6	0.700 -0.0019 0.0092	1.47 0.0009 0.0007	-0.0010 0.0034	-2.3081 0.4158	0.0007	-0.0009	0.0034	2.7578 1.8845	0.0267 -0.0288	0.0008 -0.0019	0.0094 -0.0091	0.1652 0.3428	1.7722 1.5826
213	9	6	0.700 -0.0021 0.0108	5.50 0.0010 0.0005	-0.0012 0.0041	-2.5100 0.2554	0.0005	-0.0010	0.0041	3.0074 1.8999	0.0666 -0.0683	0.0028 -0.0041	0.0242 -0.0237	0.2146 0.3007	1.8184 1.7387
213	10	6	0.699 -0.0029 0.0120	-0.54 0.0009 0.0009	-0.0015 0.0041	-1.5252 0.3819	0.0009	-0.0009	0.0041	2.5631 1.7254	-0.0117 0.0073	-0.0005 -0.0007	-0.0050 0.0051	0.2309 -0.4792	2.1611 3.4608
214	1	6	0.700 -0.0049 0.0045	-4.45 0.0000 0.0006	-0.0012 0.0026	-0.0133 0.7118	0.0006	-0.0000	0.0026	1.3128 2.8901	-0.0560 0.0543	-0.0044 0.0050	-0.0224 0.0216	0.3968 0.4688	2.0006 1.9908
214	2	6	0.701 -0.0043 0.0021	-2.52 0.0001 0.0001	-0.0012 0.0021	-0.4323 0.2763	0.0003	-0.0003	0.0021	1.4951 5.0723	-0.0313 0.0308	-0.0031 0.0032	-0.0125 0.0121	0.5068 0.5198	2.0024 1.9648
214	3	6	0.700 -0.0038 0.0034	-1.48 0.0002 0.0002	-0.0012 0.0021	-0.4790 0.4244	0.0002	-0.0003	0.0021	1.6864 3.1588	-0.0189 0.0186	-0.0019 0.0015	-0.0079 0.0078	0.5040 0.4158	2.0989 2.1178
214	4	6	0.700 -0.0056 0.0051	-0.99 0.0001 0.0004	-0.0017 0.0028	-0.1689 0.4309	0.0004	-0.0001	0.0028	1.5363 2.7220	-0.0141 0.0148	-0.0014 0.0010	-0.0061 0.0061	0.5041 0.3576	2.1782 2.0885

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
214	5	9 8	0.700 -0.0004 0.00031	-0.0008 0.0021	-0.0239 0.1755	0.9713 3.4627	-0.0070 0.0078	-0.0009 0.0002	-0.0030 0.0038	0.7048 0.1486	2.1891 2.4243	
214	6	9 8	0.701 -0.0054 0.00041	-0.0010 0.0023	0.3084 0.1180	0.9742 2.9027	0.0008 0.0010	-0.0003 -0.0005	-0.0002 0.0012	-2.1908 -2.8099	-1.2519 -6.1643	
214	7	9 8	0.701 -0.0041 0.00038	0.0006 0.0023	0.1848 0.1106	0.7596 3.1322	0.0098 -0.0063	0.0005 -0.0008	0.0024 -0.0018	0.2976 0.6500	1.2215 1.4955	
214	8	9 8	0.700 -0.0050 0.00047	0.0012 0.0028	0.3513 0.1067	1.2844 2.9546	0.0225 -0.0197	0.0016 -0.0017	0.0074 -0.0067	0.3740 0.4582	1.6556 1.8010	
214	9	9 8	0.701 -0.0064 0.00064	0.0019 0.0034	0.2753 0.407	1.4888 2.6625	0.0444 -0.0394	0.0042 -0.0037	0.0153 -0.0147	0.4823 0.4754	1.7217 1.8704	
215	1	9 8	0.699 -0.0044 0.00098	0.0010 0.0046	0.0169 0.0959	1.2155 2.3428	-0.0313 0.0368	-0.0039 0.0048	-0.0142 0.0150	0.6318 0.6538	2.2720 2.0449	
215	2	9 8	0.700 -0.0024 -0.00004	0.0006 0.0010	-0.0133 -3.6846	1.3128 11.4395	-0.0178 0.0194	-0.0024 0.0026	-0.0086 0.0078	0.6949 0.6807	2.4114 2.0305	
215	3	9 8	0.700 -0.0021 -0.00007	0.0004 0.0012	-0.0131 -1.0131	0.9956 -8.1899	-0.0099 0.0096	-0.0018 0.0012	-0.0048 0.0046	0.9408 0.6752	2.4382 2.4244	
215	4	9 8	0.701 -0.0034 0.00012	0.0010 0.0014	-0.0041 1.9640	1.5620 5.8646	-0.0055 0.0064	-0.0010 0.0006	-0.0030 0.0033	0.9107 0.4742	2.7645 2.6101	
215	5	9 8	0.700 -0.0017 -0.00010	0.0002 0.0008	0.4452 0.0604	-0.6433 -4.0599	-0.0008 0.0014	0.0000 -0.0000	-0.0019 0.0012	-0.1199 -0.1253	11.2067 4.4494	
215	6	9 8	0.700 -0.0026 0.00017	0.0004 0.0012	-0.018 1.4072	0.7777 3.5995	0.0025 -0.0001	0.0003 -0.0003	-0.0002 0.0008	0.6501 13.6045	-0.4229 -30.3104	

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Rur.	Pt	Cd	See Key											
215	7	6	0.700 -0.0039 0.0020	0.57 -0.0003 0.0001	-0.0008 0.0019	-0.0008 0.0019	-0.0008 0.0019	0.4331 0.2653	1.0544 4.5328	0.0066 -0.0030	0.0008 -0.0006	0.0010 -0.0001	0.6021 1.1124	0.8058 0.5185
215	8	6	0.700 -0.0027 0.0020	1.47 -0.0001 0.0002	-0.0004 0.0017	-0.0004 0.0017	-0.0004 0.0017	0.3018 -0.5813	0.7777 4.2062	0.0127 -0.0107	0.0014 -0.0020	0.0037 -0.0031	0.5731 0.9417	1.4583 1.4583
217	4	6	0.700 -0.0022 0.0066	4.53 0.0007 0.0000	-0.0010 0.0021	-0.0010 0.0021	-0.0010 0.0021	-0.0034 0.0615	2.3920 1.6436	-0.0648 0.0714	-0.0028 0.0038	-0.0194 0.0209	0.2186 0.2714	1.5019 1.4636
217	5	6	0.701 -0.0025 0.0069	2.57 0.0005 0.0002	-0.0015 0.0019	-0.0015 0.0019	-0.0015 0.0019	0.000 -1.0229 0.1930	2.9382 1.4123	-0.0338 0.0389	-0.0018 0.0026	-0.0094 0.0114	0.2742 0.3361	1.4028 1.4726
217	6	6	0.701 -0.0012 0.0056	1.51 0.0007 0.0001	-0.0010 0.0015	-0.0010 0.0015	-0.0010 0.0015	-0.000 -2.7633 0.0915	4.2064 1.3445	-0.0192 0.0221	-0.0011 0.0015	-0.0052 0.0063	0.3024 0.3508	1.3724 1.4393
217	7	6	0.700 -0.0017 0.0061	0.87 0.0007 0.0000	-0.0010 0.0017	-0.0010 0.0017	-0.0010 0.0017	-0.000 -2.0247 0.0771	3.0512 1.4157	-0.0110 0.0133	-0.0009 0.0011	-0.0022 0.0038	0.4250 0.4163	1.0029 1.4285
217	8	6	0.701 -0.0046 0.0061	0.52 0.0001 0.0000	-0.0017 0.0017	-0.0017 0.0017	-0.0017 0.0017	-0.000 -0.1911 0.0771	1.8609 1.4157	-0.0059 0.0080	-0.0002 0.0006	-0.0013 0.0021	0.2318 0.3932	1.1180 1.3105
217	9	6	0.701 -0.0033 0.0061	0.00 -0.0003 0.0000	-0.0015 0.0017	-0.0015 0.0017	-0.0015 0.0017	0.000 -0.5256 0.0771	2.2506 1.4157	0.0031 0.0030	0.0006 0.0003	0.0010 0.0006	1.1114 0.5435	1.7619 1.0394
217	10	6	0.700 -0.0025 0.0053	0.47 0.0005 -0.0000	-0.0012 0.0015	-0.0012 0.0015	-0.0012 0.0015	0.000 -1.0431 -0.0724	2.5269 1.4202	0.0112 -0.0070	0.0011 -0.0006	0.0032 -0.0021	0.4987 0.4504	1.4638 1.5004
217	11	6	0.701 -0.0039 0.0076	1.53 0.0000 0.0004	-0.0015 0.0021	-0.0015 0.0021	-0.0015 0.0021	0.000 0.0087 0.2853	1.9102 1.4096	0.0256 -0.0171	0.0018 -0.0010	0.0083 -0.0056	0.3540 0.2996	1.6207 1.6625
217	12	6	0.701 -0.0033 0.0070	3.45 0.0003 0.0000	-0.0017 0.0021	-0.0017 0.0021	-0.0017 0.0021	0.000 -0.5121 0.0543	2.5659 1.5292	0.0562 -0.0480	0.0033 -0.0026	0.0163 -0.0142	0.2993 0.2721	1.4564 1.4868

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key											
217	13	6	0.700 -0.0033 0.0002	-0.0055 0.0002	-0.0017 -0.0021	-0.0121 0.1745	0.5121 2.5659	-0.0058 0.0089	-0.0002 0.0006	-0.0013 0.0027	0.2318 0.3403	1.1180 1.5269		
218	8	6	0.701 -0.0032 0.0034	-0.0057 0.0002	-0.0008 0.0014	0.0000 -0.3457	0.8053 2.1302	-0.0282 0.0285	-0.0045 0.0051	-0.0081 0.0082	0.8107 0.9046	1.4394 1.4493		
218	9	6	0.701 -0.0029 0.0006	-0.0048 0.0001	-0.0010 0.0002	-0.0000 -1.2884	0.6002 1.7553	-0.0132 0.0133	-0.0033 0.0033	-0.0036 0.0034	1.2744 1.2669	1.3677 1.3090		
218	10	6	0.700 -0.0035 0.0001	-0.0052 0.0005	-0.0008 0.0002	-0.0000 -25.9917	0.9853 10.1228	-0.0045 0.0068	-0.0018 0.0024	-0.0017 0.0014	2.0881 1.7469	1.8713 1.0448		
218	11	6	0.701 -0.0027 0.0011	-0.0051 0.0001	-0.0006 0.0002	-0.0411 -0.7692	0.9411 1.1258	-0.0012 0.0017	-0.0010 0.0010	-0.0012 0.0006	4.3384 3.0389	5.2519 1.8073		
218	12	6	0.701 -0.0051 0.0019	-0.0047 0.0008	-0.0008 0.0002	-0.0045 2.2613	0.8035 0.5434	0.0007 -0.0030	-0.0007 0.0005	-0.0006 0.0000	-4.8097 -27.9656	-4.2161 -0.0182		
218	13	6	0.700 -0.0050 0.0011	-0.0060 0.0010	-0.0008 0.0004	-0.0000 3.0550	0.8199 1.8411	0.0020 -0.0018	-0.0002 0.0000	-0.0006 0.0006	-0.5156 -0.0716	1.5589 1.6247		
218	14	6	0.700 -0.0051 0.0016	-0.0049 0.0013	-0.0010 0.0006	-0.0000 1.3489	1.0055 2.1324	0.0036 -0.0038	0.0004 -0.0011	0.0008 -0.0012	0.6550 1.5250	1.1575 1.5825		
218	15	6	0.700 -0.0051 0.0020	-0.0054 0.0006	-0.0010 0.0006	-0.0000 1.6343	1.0055 1.5095	0.0103 -0.0057	0.0021 -0.0020	0.0021 -0.0020	1.0528 1.7670	1.0310 1.7789		
218	16	6	0.700 -0.0051 0.0038	-0.0052 0.0008	-0.0008 0.0008	-0.0000 1.1041	0.7240 1.1047	0.0283 -0.0203	0.0046 -0.0046	0.0079 -0.0063	0.8138 1.1526	1.3962 1.5663		
219	1	6	0.699 -0.0048 0.0043	-0.0052 0.0002	-0.0008 0.0017	0.0000 0.3281	0.8699 1.9482	-0.0170 0.0151	-0.0044 0.0037	-0.0064 0.0043	1.3095 1.2486	1.9076 1.4537		

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
219	2	6 7 8	0.700 -0.0051 0.0024	-2.44 -0.0010 0.0008	-0.0010 0.0006	-0.0284 1.0284 1.8037	1.0261 1.3238	-0.0069 0.0037	-0.0027 0.0022	-0.0032 0.0014	2.0020 3.0400	2.3196 1.5492
219	3	6 7 8	0.700 -0.0052 0.0001	-1.48 -0.0014 0.0007	-0.0006 0.0002	-0.000 1.3401 18.9368	0.6008 5.5472	-0.0003 0.0006	-0.0014 0.0016	-0.0012 0.0004	18.9253 12.0249	16.9078 3.1398
219	4	6 7 8	0.700 -0.0036 -0.0001	-0.97 -0.0010 0.0005	-0.0008 0.0004	-0.000 1.4410 -22.4636	1.1426 17.7476	0.0014 -0.0009	-0.0009 0.0009	-0.0012 -0.0002	-3.1723 -4.7179	-4.4241 1.0726
219	5	6 7 8	0.700 -0.0052 0.0001	-0.50 -0.0013 0.0007	-0.0006 0.0004	-0.000 1.3401 20.4678	0.6008 12.1480	0.0027 -0.0015	-0.0004 0.0005	-0.0004 -0.0008	-0.7234 -1.8795	-0.7683 -2.7587
219	6	6 7 8	0.700 -0.0062 0.0004	-0.02 -0.0017 0.0008	-0.0006 0.0004	-0.000 1.3903 9.4791	0.4975 4.4964	0.0030 -0.0034	-0.0002 -0.0003	0.0002 -0.0008	-0.3722 0.4563	0.3576 1.1923
219	7	6 7 8	0.700 -0.0043 0.0011	0.54 -0.0008 0.0006	-0.0004 0.0008	-0.000 0.9951 3.0970	0.4788 3.7873	0.0040 -0.0039	0.0006 -0.0011	0.0004 -0.0012	0.8250 1.5250	0.5365 1.5825
219	8	6 7 8	0.701 -0.0050 0.0021	1.45 -0.0010 0.0010	-0.0004 0.0008	-0.000 1.0126 2.3781	0.4048 1.9297	0.0059 -0.0028	0.0015 -0.0017	0.0006 -0.0014	1.2910 3.0532	0.5425 2.5613
219	9	6 7 8	0.700 -0.0072 0.0040	3.56 -0.0012 0.0010	-0.0010 0.0012	-0.000 0.8251 1.2380	0.7142 1.5486	0.0205 -0.0125	0.0042 -0.0040	0.0045 -0.0041	1.0252 1.6282	1.0982 1.6402
220	1	6 7 8	0.700 -0.0046 -0.0007	-4.48 -0.0013 0.0009	0.0002 -0.0019	-0.000 1.4622 -0.6342	-0.2398 1.3392	-0.0066 0.0015	-0.0020 0.0012	-0.0040 0.0006	1.5386 4.0137	3.0557 2.0383
220	2	6 7 8	0.701 -0.0029 -0.0007	-2.47 -0.0011 0.0009	0.0004 -0.0019	-0.000 2.0314 -0.6517	-0.7287 1.2539	0.0030 -0.0087	-0.0011 0.0002	-0.0012 -0.0018	-1.8362 -0.1581	-2.0923 1.0450
220	3	6 7 8	0.700 -0.0044 -0.0005	-1.54 -0.0008 0.0008	-0.0004 -0.0013	-0.000 0.9951 -0.7744	0.4788 1.2630	0.0027 -0.0071	-0.0007 0.0002	-0.0013 -0.0014	-1.4046 -0.1860	-2.3766 1.0394

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
220	4	9	0.701	-0.0007	-0.0004	-0.9700	0.5848	0.0020	-0.0005	-0.0010	-1.4003	-2.6347
	8		-0.0031	0.0011	-0.0008	-1.8441	1.4066	-0.0046	0.0002	-0.0010	-0.2575	1.1405
220	5	9	0.702	-0.0013	0.0004	-0.9183	-0.4270	0.0023	-0.0003	-0.0008	-0.8482	-1.8476
	8		-0.0035	0.0005	-0.0006	-1.8353	0.9272	-0.0061	-0.0001	-0.0014	0.0859	1.1925
220	6	9	0.700	-0.0013	0.0002	-0.4622	-0.2398	0.0021	-0.0002	-0.0012	-0.4824	-2.9841
	8		-0.0047	0.0013	-0.0004	-2.1661	1.2513	-0.0044	-0.0003	-0.0010	0.3444	1.1657
220	7	9	0.701	-0.0017	0.0004	-0.0000	-0.4565	0.0009	-0.0000	-0.0006	-0.0609	-3.2617
	8		-0.0047	0.0005	-0.0004	-4.3990	3.4528	-0.0014	-0.0008	-0.0004	3.0407	1.4366
220	8	9	0.701	-0.0019	0.0010	-0.0000	-2.7708	0.0012	0.0007	-0.0012	2.8686	-5.1914
	8		-0.0023	0.0008	-0.0003	1.8055	1.7762	0.0016	-0.0010	0.0002	-3.3048	0.6255
220	9	9	0.700	-0.0011	0.0029	-0.0000	2.5213	0.0065	0.0013	0.0010	1.0204	0.8142
	8		-0.0057	0.0013	-0.0012	-1.3568	1.4448	0.0072	-0.0014	0.0014	-1.0281	0.9879
221	4	9	0.902	-0.0044	-0.0019	-0.0000	2.5044	-0.0713	-0.0065	-0.0200	0.4590	1.4069
	8		-0.0033	0.0004	-0.0004	-0.7435	1.5760	0.0722	0.0065	0.0210	0.4563	1.4548
221	5	9	0.901	-0.0033	-0.0013	-0.0000	2.5904	-0.0338	-0.0037	-0.0091	0.5557	1.3553
	8		-0.0026	0.0005	-0.0016	-0.9449	1.4991	0.0339	0.0038	0.0102	0.5641	1.5023
221	6	9	0.901	-0.0029	-0.0015	-0.0000	2.5424	-0.0186	-0.0021	-0.0052	0.5849	1.4188
	8		-0.0070	0.0010	-0.0019	-0.7575	1.4158	0.0197	0.0023	0.0059	0.5889	1.5165
221	7	9	0.902	-0.0041	-0.0016	-0.0000	2.0377	-0.0129	-0.0014	-0.0032	0.5743	1.2596
	8		-0.0070	0.0010	-0.0019	-0.7575	1.4158	0.0126	0.0012	0.0041	0.4930	1.2558
221	8	9	0.902	-0.0037	-0.0013	-0.0000	1.8242	-0.0055	-0.0005	-0.0007	0.5137	0.7062
	8		-0.0070	0.0010	-0.0018	-0.7587	1.3052	0.0057	0.0006	0.0019	0.6059	1.6958

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
221	9	6 7 8	0.902 -0.0031 0.0061	0.13 0.0009 0.0009	-0.0013 0.0016 0.0016	-0.5902 0.7735 0.7735	2.1412 1.3721 1.3721	0.0022 -0.0012 -0.0001	0.0000 -0.0001 -0.0001	0.0012 -0.0001 -0.0001	0.2121 0.4679 0.4679	2.7752 0.5826 0.5826
221	10	6 7 8	0.901 -0.0030 0.0062	0.62 0.0008 0.0008	-0.0013 0.0018 0.0018	-0.4015 0.6507 0.6507	2.2343 1.4665 1.4665	0.0098 -0.0080 -0.0080	0.0008 -0.0010 -0.0010	0.0030 -0.0020 -0.0020	0.4534 0.6535 0.6535	1.5738 1.2867 1.2867
221	11	6 7 8	0.902 -0.0024 0.0060	1.63 0.0003 0.0006	-0.0012 0.0019 0.0019	-0.7469 0.5661 0.5661	2.4299 1.6470 1.6470	0.0246 -0.0218 -0.0218	0.0024 -0.0024 -0.0024	0.0077 -0.0063 -0.0063	0.5046 0.5490 0.5490	1.5687 1.4595 1.4595
221	12	6 7 8	0.902 -0.0022 0.0050	5.63 0.0004 0.0010	-0.0013 0.0025 0.0025	-1.0756 0.5689 0.5689	2.9766 1.4323 1.4323	0.0598 -0.0532 -0.0532	0.0052 -0.0051 -0.0051	0.0176 -0.0154 -0.0154	0.4351 0.4882 0.4882	1.4741 1.4520 1.4520
222	1	6 7 8	0.902 -0.0022 0.0037	-4.32 -0.0001 0.0009	-0.0009 0.0009 0.0009	0.2919 1.3197 1.3197	1.9800 1.2276 1.2276	-0.0151 0.0089 0.0089	-0.0044 0.0046 0.0046	-0.0053 0.0031 0.0031	1.4529 2.5642 2.5642	1.7716 1.7369 1.7369
222	2	6 7 8	0.902 -0.0020 0.0039	-2.39 -0.0000 0.0017	-0.0010 0.0007 0.0007	-0.318 2.2251 2.2251	2.5352 0.9602 0.9602	-0.0034 0.0060 0.0060	-0.0027 0.0032 0.0032	-0.0021 0.0016 0.0016	3.9836 2.6836 2.6836	3.0654 1.3487 1.3487
222	3	6 7 8	0.901 -0.0015 0.0017	-1.43 0.0001 0.0015	-0.0008 0.0004 0.0004	-0.3713 4.2269 4.2269	2.9615 1.2541 1.2541	-0.0007 0.0026 0.0026	-0.0019 0.0022 0.0022	-0.0010 0.0007 0.0007	13.5485 4.2259 4.2259	7.5194 1.3843 1.3843
222	4	6 7 8	0.902 -0.0014 0.0012	-0.86 0.0001 0.0016	-0.0007 0.0002 0.0002	-0.3914 6.2601 6.2601	2.4780 1.1269 1.1269	0.0013 0.0016 0.0016	-0.0010 0.0016 0.0016	-0.0006 0.0004 0.0004	-3.7215 4.9687 4.9687	-2.1592 1.3495 1.3495
222	5	6 7 8	0.900 -0.0023 0.0021	-0.40 -0.0003 0.0017	-0.0008 0.0004 0.0004	-0.2228 3.9969 3.9969	1.9157 1.0152 1.0152	0.0021 -0.0002 -0.0002	-0.0005 0.0008 0.0008	0.0001 0.0001 0.0001	-1.2389 -15.7730 -15.7730	0.3501 -2.6470 -2.6470
222	6	6 7 8	0.902 -0.0015 0.0020	0.13 -0.0001 0.0014	-0.0007 0.0004 0.0004	-0.4258 3.5341 3.5341	2.3587 1.0519 1.0519	0.0026 0.0000 0.0000	-0.0000 0.0006 0.0006	-0.0003 -0.0001 -0.0001	-0.0748 42.7185 42.7185	0.5682 -79.5937 -79.5937
222	7	6 7 8	0.902 -0.0024 0.0015	0.61 -0.0004 0.0013	-0.0005 0.0004 0.0004	-0.9853 4.3877 4.3877	1.1763 1.4211 1.4211	0.0032 0.0005 0.0005	0.0007 0.0001 0.0001	-0.0001 -0.0000 -0.0000	1.0980 1.1143 1.1143	-0.2266 -0.0047 -0.0047

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
222	8	6 7 8	0.901 -0.0018 0.0029	1.71 0.0015 0.0015	-0.0007 0.0008 0.0008	-0.3317 2.6952 0.00	2.0246 1.5011 0.0012	0.0056 -0.0012 0.0012	0.0021 -0.0013 -0.0013	0.0005 -0.0005 -0.0005	1.9297 6.3437 2.2982	0.5305 2.2982 0.5305
222	9	6 7 8	0.901 -0.0043 0.0047	3.56 0.0000 0.0016	-0.0010 0.0013 0.0013	-0.00 1.7520 0.00	1.1780 1.3805 0.0007	0.0164 -0.0007 -0.0007	0.0042 -0.0034 -0.0034	0.0037 -0.0031 -0.0031	1.2958 1.9819 1.0093	1.1307 1.0093 1.1307
223	1	6 7 8	0.902 -0.0016 0.0059	-4.30 0.0025 0.0025	-0.0007 0.0018 0.0018	-0.00 2.1347 0.00	2.2805 1.5599 0.0062	0.0028 0.0062 0.0062	-0.0024 0.0029 0.0029	-0.0021 0.0024 0.0024	-4.2250 2.3407 1.9522	-3.0326 1.9522 -3.0326
223	2	6 7 8	0.902 -0.0009 0.0006	-2.42 0.0002 0.0016	-0.0004 0.0001 0.0001	-0.00 13.0744 0.00	2.3536 1.1421 0.0054	0.0024 -0.0054 -0.0054	-0.0017 0.0014 0.0014	-0.0013 -0.0004 -0.0004	-3.4891 -1.3597 -3.1175	-3.1175 -3.1175 -3.1175
223	3	6 7 8	0.901 -0.0004 0.0006	-1.41 0.0003 0.0013	-0.0004 0.0000 0.0000	-0.00 -4.5088 -9.5531	5.4785 0.0444 0.0039	-0.0010 -0.0039 -0.0039	-0.0019 0.0010 0.0010	-0.0015 0.0000 0.0000	9.3161 -1.3426 -0.0183	7.4252 -0.0183 7.4252
223	4	6 7 8	0.902 -0.0006 0.0005	-0.89 0.0002 0.0014	-0.0003 0.0002 0.0002	-0.00 12.7014 0.00	2.4521 2.6934 0.0006	-0.0006 -0.0018 -0.0018	-0.0013 0.0010 0.0010	-0.0012 0.0001 0.0001	-9.5135 -2.0394 -0.4285	-8.9717 -0.4285 -8.9717
223	5	6 7 8	0.902 -0.0016 0.0006	-0.40 0.0000 0.0012	-0.0004 0.0004 0.0004	-0.00 9.3516 0.00	0.4296 3.3104 0.0027	0.0013 -0.0027 -0.0027	-0.0009 0.0006 0.0006	-0.0012 0.0000 0.0000	-3.5018 -1.1785 -0.0183	-4.6604 -0.0183 -4.6604
223	6	6 7 8	0.903 -0.0008 0.0008	0.13 0.0001 0.0013	-0.0001 0.0005 0.0005	-0.00 7.9314 0.00	0.9132 3.4187 0.0024	0.0017 -0.0024 -0.0024	-0.0004 0.0003 0.0003	-0.0010 -0.0001 -0.0001	-1.1359 -0.8059 -0.2813	-2.9636 -0.2813 -2.9636
223	7	6 7 8	0.901 -0.0003 0.0011	0.60 0.0003 0.0013	-0.0001 0.0007 0.0007	-0.00 5.7068 0.00	1.8771 3.0954 0.0001	0.0001 -0.0015 -0.0015	-0.0001 -0.0005 -0.0005	-0.0010 0.0005 0.0005	-3.5192 1.6469 -1.9258	-29.5068 -1.9258 -29.5068
223	8	6 7 8	0.901 -0.0012 0.0043	1.58 0.0002 0.0018	-0.0002 0.0011 0.0011	-0.00 2.0908 0.00	1.1574 1.3563 0.0003	0.0000 -0.0003 -0.0003	0.0006 -0.0006 -0.0006	-0.0010 0.0004 0.0004	40.5670 -9.9547 6.0249	-67.0291 6.0249 -67.0291
223	9	6 7 8	0.900 -0.0005 0.0056	3.62 0.0001 0.0017	-0.0000 0.0016 0.0016	-0.00 1.1147 1.5305	-0.0212 1.4853 0.0042	0.0028 0.0042 0.0042	0.0019 -0.0014 -0.0014	-0.0004 0.0005 0.0005	3.3522 -1.6857 -0.6879	-0.6879 -0.6879 -0.6879

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
224	1	6 7 8	0.902 -0.0001 -0.0021	-4.37 0.0005 0.0016	-0.0001 0.0002 0.0002	-0.0001 0.0002 0.0002	-0.0001 0.0002 0.0002	-0.0001 0.0002 0.0002	-0.0001 0.0002 0.0002	-0.0001 0.0002 0.0002	-0.0001 0.0002 0.0002	-0.0001 0.0002 0.0002	-0.0001 0.0002 0.0002	-0.0001 0.0002 0.0002	-0.0001 0.0002 0.0002	-0.0001 0.0002 0.0002	8.8692 6.2819
224	2	6 7 8	0.902 0.0017 -0.0064	-2.39 0.0006 0.0019	0.0002 0.0006 0.0016	0.0002 0.0006 0.0016	0.0002 0.0006 0.0016	0.0002 0.0006 0.0016	0.0002 0.0006 0.0016	0.0002 0.0006 0.0016	0.0002 0.0006 0.0016	0.0002 0.0006 0.0016	0.0002 0.0006 0.0016	0.0002 0.0006 0.0016	0.0002 0.0006 0.0016	0.0002 0.0006 0.0016	-6.5489 -0.7705
224	3	6 7 8	0.901 0.0015 -0.0045	-1.44 0.0018 0.0018	0.0001 0.0002 0.0002	0.0001 0.0002 0.0002	0.0001 0.0002 0.0002	0.0001 0.0002 0.0002	0.0001 0.0002 0.0002	0.0001 0.0002 0.0002	0.0001 0.0002 0.0002	0.0001 0.0002 0.0002	0.0001 0.0002 0.0002	0.0001 0.0002 0.0002	0.0001 0.0002 0.0002	0.0001 0.0002 0.0002	0.4379 0.6731
224	4	6 7 8	0.901 0.0016 -0.0060	-0.86 0.0007 0.0015	0.0001 0.0002 0.0002	0.0001 0.0002 0.0002	0.0001 0.0002 0.0002	0.0001 0.0002 0.0002	0.0001 0.0002 0.0002	0.0001 0.0002 0.0002	0.0001 0.0002 0.0002	0.0001 0.0002 0.0002	0.0001 0.0002 0.0002	0.0001 0.0002 0.0002	0.0001 0.0002 0.0002	0.0001 0.0002 0.0002	-6.2346 0.6270
224	5	6 7 8	0.901 0.0019 -0.0032	-0.40 0.0007 0.0014	0.0001 0.0002 0.0002	0.0001 0.0002 0.0002	0.0001 0.0002 0.0002	0.0001 0.0002 0.0002	0.0001 0.0002 0.0002	0.0001 0.0002 0.0002	0.0001 0.0002 0.0002	0.0001 0.0002 0.0002	0.0001 0.0002 0.0002	0.0001 0.0002 0.0002	0.0001 0.0002 0.0002	0.0001 0.0002 0.0002	-19.0045 0.5830
224	6	6 7 8	0.901 0.0016 0.0001	0.14 0.0007 0.0014	0.0003 0.0004 0.0004	0.0003 0.0004 0.0004	0.0003 0.0004 0.0004	0.0003 0.0004 0.0004	0.0003 0.0004 0.0004	0.0003 0.0004 0.0004	0.0003 0.0004 0.0004	0.0003 0.0004 0.0004	0.0003 0.0004 0.0004	0.0003 0.0004 0.0004	0.0003 0.0004 0.0004	0.0003 0.0004 0.0004	5.5513 -0.2088
224	7	6 7 8	0.901 0.0057 0.0011	0.64 0.0006 0.0013	0.0013 0.0008 0.0008	0.0013 0.0008 0.0008	0.0013 0.0008 0.0008	0.0013 0.0008 0.0008	0.0013 0.0008 0.0008	0.0013 0.0008 0.0008	0.0013 0.0008 0.0008	0.0013 0.0008 0.0008	0.0013 0.0008 0.0008	0.0013 0.0008 0.0008	0.0013 0.0008 0.0008	0.0013 0.0008 0.0008	3.3508 2.5707
224	8	6 7 8	0.902 0.0075 0.0032	1.67 0.0004 0.0015	0.0017 0.0011 0.0011	0.0017 0.0011 0.0011	0.0017 0.0011 0.0011	0.0017 0.0011 0.0011	0.0017 0.0011 0.0011	0.0017 0.0011 0.0011	0.0017 0.0011 0.0011	0.0017 0.0011 0.0011	0.0017 0.0011 0.0011	0.0017 0.0011 0.0011	0.0017 0.0011 0.0011	0.0017 0.0011 0.0011	4.0710 1.6022
224	9	6 7 8	0.902 0.0076 0.0042	3.58 0.0003 0.0015	0.0020 0.0014 0.0014	0.0020 0.0014 0.0014	0.0020 0.0014 0.0014	0.0020 0.0014 0.0014	0.0020 0.0014 0.0014	0.0020 0.0014 0.0014	0.0020 0.0014 0.0014	0.0020 0.0014 0.0014	0.0020 0.0014 0.0014	0.0020 0.0014 0.0014	0.0020 0.0014 0.0014	0.0020 0.0014 0.0014	-2.1956 1.4457
225	4	6 7 8	1.000 -0.0021 0.0081	-4.31 0.0007 0.0007	-0.0012 0.0019 0.0019	-0.0012 0.0019 0.0019	-0.0012 0.0019 0.0019	-0.0012 0.0019 0.0019	-0.0012 0.0019 0.0019	-0.0012 0.0019 0.0019	-0.0012 0.0019 0.0019	-0.0012 0.0019 0.0019	-0.0012 0.0019 0.0019	-0.0012 0.0019 0.0019	-0.0012 0.0019 0.0019	-0.0012 0.0019 0.0019	1.4114 1.4635
225	5	6 7 8	1.001 -0.0027 0.0084	-2.22 0.0007 0.0006	-0.0013 0.0020 0.0020	-0.0013 0.0020 0.0020	-0.0013 0.0020 0.0020	-0.0013 0.0020 0.0020	-0.0013 0.0020 0.0020	-0.0013 0.0020 0.0020	-0.0013 0.0020 0.0020	-0.0013 0.0020 0.0020	-0.0013 0.0020 0.0020	-0.0013 0.0020 0.0020	-0.0013 0.0020 0.0020	-0.0013 0.0020 0.0020	1.2892 1.5094

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
225	6	6	1.002	-1.24	-0.0013	-2.4886	3.3325	-0.0228	-0.0017	-0.0055	0.3779	1.2146
		7	-0.0020	0.0010	0.0020	0.4895	1.0943	0.0225	0.0008	0.0072	0.1893	1.5999
		8	0.0093	0.0009	0.0020							
225	7	6	1.001	-0.75	-0.0014	0.00	3.1795	-0.0140	-0.0009	-0.0033	0.3337	1.1853
		7	-0.0023	0.0010	0.0023	-2.1560	1.1789	0.0160	0.0003	0.0052	0.1128	1.6225
		8	0.0098	0.0010	0.0023	0.5191						
225	8	6	1.001	-0.24	-0.0016	0.00	2.1227	-0.0056	-0.0003	-0.0011	0.3336	0.9863
		7	-0.0038	0.0006	0.0021	-0.8873	1.1088	0.0067	-0.0003	0.0026	-0.2455	1.9927
		8	0.0098	0.0010	0.0021	0.5201						
225	9	6	1.002	0.26	-0.0014	0.00	2.8128	0.0031	-0.0001	0.0019	-0.2688	3.1026
		7	-0.0026	0.0010	0.0020	-1.9160	1.1404	-0.0008	-0.0006	0.0004	4.1514	-2.4246
		8	0.0090	0.0006	0.0020	0.3834						
225	10	6	1.003	0.74	-0.0016	0.00	2.8603	0.0129	0.0008	0.0040	0.3286	1.5517
		7	-0.0028	0.0008	0.0020	-1.5776	1.1317	-0.0097	-0.0011	-0.0022	0.5878	1.1534
		8	0.0090	0.0009	0.0020	0.5078						
225	11	6	0.999	1.80	-0.0014	0.00	2.2372	0.0317	0.0021	0.0094	0.3463	1.4854
		7	-0.0033	0.0007	0.0021	-1.1917	1.1680	-0.0265	-0.0023	-0.0071	0.4351	1.3558
		8	0.0094	0.0009	0.0021	0.4885						
225	12	6	1.001	3.80	-0.0012	0.00	2.3536	0.0702	0.0030	0.0208	0.2139	1.4805
		7	-0.0025	0.0006	0.0021	-1.3109	1.1532	-0.0650	-0.0038	-0.0185	0.2968	1.4239
		8	0.0095	0.0008	0.0021	0.4207						
225	13	6	1.001	-0.30	-0.0015	0.00	3.1795	-0.0064	-0.0004	-0.0011	0.3729	0.8631
		7	-0.0023	0.0010	0.0020	-2.1560	1.0316	0.0070	-0.0003	0.0029	-0.2404	2.0982
		8	0.0100	0.0012	0.0020	0.6336						
226	1	6	1.000	-4.11	-0.0012	0.00	1.5812	-0.0259	-0.0050	-0.0078	0.9813	1.5048
		7	-0.0038	0.0004	0.0015	0.5950	1.6597	0.0299	0.0063	0.0080	1.1007	1.5481
		8	0.0045	0.0002	0.0015	0.3052						
226	2	6	1.002	-2.17	-0.0010	0.00	1.8934	-0.0108	-0.0033	-0.0027	1.5412	1.2833
		7	-0.0028	0.0002	0.0002	-0.4107	-5.2262	0.0129	0.0043	0.0030	1.6903	1.1963
		8	0.0002	0.0008	0.0002	15.7219						
226	3	6	1.003	-1.24	-0.0010	0.00	2.1203	-0.0048	-0.0023	-0.0011	2.4455	1.1378
		7	-0.0025	0.0002	0.0001	0.4668	-1.1750	0.0067	0.0029	0.0017	2.1756	1.2978
		8	0.0005	0.0008	0.0001	-7.2253						

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key															
226	4	6	1.002	-0.002	-0.0012	-0.0008	-0.0004	-0.0000	-0.0000	-0.0008	-0.0008	-0.0004	-0.0004	54.1456	27.4508	2.0562	1.0890	
		7	-0.0025	0.0002	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004					
		8	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000					
226	5	6	1.001	-0.001	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	1.4329	0.8405		
		7	-0.0037	0.0006	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004					
		8	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000					
226	6	6	1.001	-0.001	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	1.1090	1.4065	1.1076		
		7	-0.0032	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004					
		8	0.0006	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000					
226	7	6	1.001	-0.001	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	1.5907	1.4500	-6.0034		
		7	-0.0036	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006					
		8	0.0014	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000					
226	8	6	1.002	-0.002	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	1.5525	1.2503	3.0490		
		7	-0.0016	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006					
		8	0.0014	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000					
226	9	6	1.002	-0.002	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	1.0327	1.3891	1.2180		
		7	-0.0043	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008					
		8	0.0026	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000					
227	1	6	1.000	-0.000	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	1.5220	1.5858	2.6850		
		7	-0.0024	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004					
		8	0.0009	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000					
227	2	6	1.002	-0.002	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	7.4511	4.7192	3.7427		
		7	-0.0026	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004					
		8	0.0005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000					
227	3	6	1.002	-0.002	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-4.0597	-0.5091	-0.9550		
		7	-0.0031	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005					
		8	0.0005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000					
227	4	6	1.002	-0.002	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-4.7503	0.2768	1.1975		
		7	-0.0028	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008					
		8	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000					
227	5	6	1.002	-0.002	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-0.0008	-0.0766	1.2401	3.0272		
		7	-0.0031	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008					
		8	0.0005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000					

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key												
227	6	6	0.999 -0.00028 -0.00005	0.233 -0.00008 0.00008	-0.0006 -0.0002 -0.0002	-0.008 1.0138 -19.1268	1.2087 6.4495	0.0049 0.0008	0.0008 0.0003	0.0007 0.0001	0.8823 1.9313	0.7121 0.7645			
227	7	6	1.002 -0.0031 0.0005	0.60 -0.0005 0.0009	-0.0005 0.0001	0.9024 3.1209	0.8699 1.1781	0.0053 0.0025	0.0016 -0.0003	0.0007 0.0004	1.5825 -0.7252	0.6573 0.7822			
227	8	6	1.001 -0.0033 0.0005	1.71 -0.0009 0.0009	-0.0009 0.0002	0.5070 8.2372	1.4136 2.4245	0.0069 0.0009	0.0030 -0.0011	0.0013 -0.0004	2.2023 -5.9501	1.0012 -2.1056			
227	9	6	1.003 -0.0068 0.0025	3.69 -0.0005 0.0007	-0.0017 0.0008	0.4094 1.5305	1.2898 1.6233	0.0156 -0.0054	0.0052 -0.0029	0.0032 -0.0025	1.6863 2.6945	1.0235 2.3637			
228	1	6	1.003 -0.0005 -0.0012	4.25 -0.0003 0.0006	-0.0004 -0.0003	0.00 3.0298 -0.2822	3.5072 1.5039	-0.0077 0.0061	-0.0020 0.0021	-0.0031 0.0015	1.3019 1.7595	2.0103 1.2214			
228	2	6	1.002 -0.0011 -0.0032	2.26 -0.0001 0.0013	-0.0012 -0.0012	0.00 0.5195 -1.1067	1.8141 1.9630	0.0038 -0.0044	-0.0007 0.0015	0.0004 -0.0009	-1.0042 -1.7609	0.5551 1.0554			
228	3	6	1.002 -0.0009 -0.0030	1.24 -0.0000 0.0012	-0.0005 -0.0011	0.00 0.0448 -1.9867	2.8985 1.8101	0.0033 -0.0021	-0.0002 0.0011	0.0002 -0.0006	-0.4280 -2.7447	0.4233 1.5472			
228	4	6	1.001 -0.0009 -0.0026	0.79 -0.0000 0.0010	-0.0005 -0.0009	0.00 0.0480 -2.0780	2.8885 1.8433	0.0036 -0.0024	-0.0000 0.0008	0.0005 -0.0005	-0.0753 -1.7293	0.7570 1.0992			
228	5	6	1.001 -0.0017 -0.0012	0.27 -0.0003 0.0009	-0.0004 -0.0006	0.9411 -3.8163	1.1258 2.7521	0.0039 -0.0014	0.0002 0.0008	0.0002 -0.0005	0.3697 -2.8157	0.3549 1.8138			
228	6	6	1.003 -0.0023 -0.0003	0.20 -0.0006 0.0009	-0.0003 -0.0004	0.00 1.4350 -14.3844	0.8565 6.3265	0.0037 0.0005	0.0007 0.0006	0.0006 -0.0001	1.0099 6.7673	0.9212 -1.3218			
228	7	6	1.001 -0.0020 0.0007	0.81 -0.0003 0.0010	-0.0002 -0.0000	0.00 0.7871 6.7717	0.6376 -0.0020	0.0019 0.0026	0.0009 0.0000	0.0002 0.0005	2.5444 0.1620	0.6917 0.9984			

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
228	8	5 7 8	1.003 0.0001 0.0021	1.79 -0.0004 0.0010	0.0001-13.6103 0.0003 2.5959	-0.00 -0.0001 0.0001	3.9614 0.9355	0.0022 0.0044	-0.0015 -0.0002	0.0001 0.0006	3.4112 -0.2972	0.2974 0.7216
228	9	5 7 8	1.004 0.0022 0.0026	3.76 -0.0004 0.0010	0.0006 0.0007	-0.00 -1.0010 2.0119	1.4417 1.4723	0.0030 0.0069	-0.0024 -0.0009	0.0007 0.0007	3.9105 -0.6801	1.2861 0.5500
229	1	5 7 8	1.002 0.0000 -0.0065	-4.18 0.0002 0.0005	-0.0002 -0.0022	-0.00 -0.4446	-24.3187 1.7400	-0.0041 -0.0010	-0.0007 0.0015	-0.0027 0.0001	0.9388 -7.4565	3.3130 -0.6849
229	2	5 7 8	1.000 0.0010 -0.0092	-2.27 -0.0001 0.0014	0.0004 -0.0031	-0.00 -0.5437 -0.7843	1.9324 1.6784	0.0039 -0.0083	-0.0001 0.0014	-0.0005 -0.0019	-0.2227 -0.8351	-0.7156 1.1373
229	3	5 7 8	1.002 0.0000 -0.0059	-1.25 0.0002 0.0012	-0.0002 -0.0021	-0.00 19.6020 -1.0781	-24.5187 1.7761	0.0045 -0.0067	0.0000 0.0007	0.0001 -0.0014	0.0561 -0.5802	0.1507 1.1012
229	4	5 7 8	1.001 0.0001 -0.0057	-0.73 0.0001 0.0011	-0.0001 -0.0019	-0.00 2.9995 -0.9936	-3.8032 1.6906	0.0051 -0.0061	0.0003 0.0008	0.0004 -0.0014	0.3878 -0.7194	0.4147 1.1930
229	5	5 7 8	1.002 0.0011 -0.0033	-0.25 -0.0001 0.0008	-0.0001 -0.0011	-0.00 0.4816 -1.3056	0.6020 1.6664	0.0041 -0.0038	0.0004 0.0007	0.0001 -0.0010	0.4903 -0.9694	0.1716 1.3918
229	6	5 7 8	1.002 0.0014 -0.0003	0.21 -0.0001 0.0009	-0.0001 -0.0004	-0.00 0.3644 -14.3844	0.4683 6.3265	0.0020 0.0003	0.0003 0.0005	0.0001 -0.0000	0.7585 9.1298	0.3328 -0.0002
229	7	5 7 8	1.001 0.0003 -0.0001	0.75 -0.0003 0.0006	0.0002 -0.0000	-0.00 -4.7141 -30.7371	3.7342 0.1328	0.0003 0.0015	0.0005 -0.0000	-0.0005 0.0006	8.0586 -0.0779	-7.6820 2.1763
229	8	5 7 8	1.001 0.0024 0.0008	1.75 -0.0005 0.0008	0.0007 0.0002	-0.00 -1.1894 5.2527	1.6471 1.5535	0.0001 0.0055	0.0010 0.0001	-0.0006 0.0010	25.8690 0.1513	-17.0486 0.9427
229	9	5 7 8	1.001 0.0034 0.0023	3.70 -0.0004 0.0010	0.0013 0.0007	-0.00 -0.6406 2.2732	1.8889 1.6586	0.0040 0.0089	0.0018 -0.0005	0.0005 0.0016	2.3283 -0.3023	0.6722 0.9417

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
230	2	6 7 8	1.204 -0.0029 -0.0068	-4.17 -0.0020 0.0000	-0.0005 -0.0017 0.0005	-0.0009 1.3489 -1.4676	1.0055 1.3142 -0.0023	0.0015 0.0010 0.0009	-0.0007 -0.0012 -0.0026	11.8891 -2.2063 0.7394	-5.6626 -2.6955 0.9604	
230	3	6 7 8	1.202 0.0018 0.0007	-2.18 0.0004 0.0010	0.0005 -0.0004 0.0000	0.0000 1.3122 7.3149	1.5486 -3.1462 -0.0064	0.0009 0.0012 0.0006	0.0013 -0.0026 0.0007	0.7394 -0.9919 1.4123	0.9604 2.0238 0.8837	
230	4	6 7 8	1.200 0.0012 0.0004	-1.12 0.0007 0.0008	0.0003 -0.0005 0.0000	0.0000 3.0220 10.3911	1.3443 -6.7625 -0.0024	0.0011 0.0006 0.0003	0.0011 -0.0013 0.0007	1.4123 -1.3138 1.4123	0.8837 2.0189 0.9604	
230	5	6 7 8	1.202 0.0007 0.0010	-0.73 0.0007 0.0004	0.0002 -0.0003 0.0000	0.0000 5.0912 2.2380	1.5193 -1.5859 -0.0013	0.0011 0.0003 0.0003	0.0011 -0.0010 0.0008	1.3223 -1.2368 1.3223	0.9604 3.8748 0.6449	
230	6	6 7 8	1.202 -0.0013 0.0014	-0.19 0.0003 0.0003	0.0000 -0.0002 0.0000	-0.0000 -1.1678 1.3266	-0.0228 -0.7922 0.0004	0.0007 0.0004 0.0004	0.0008 0.0002 0.0003	1.5509 2.9864 1.5509	0.6449 -3.4367 0.6449	
230	7	6 7 8	1.202 0.0009 -0.0011	0.35 -0.0001 0.0002	0.0006 -0.0007 0.0000	-0.0000 -0.9215 -0.9318	3.4494 3.3534 3.3534	0.0010 0.0038 0.0038	-0.0000 0.0001 0.0001	-0.0004 0.0011 0.0011	-0.0650 0.1625 0.1625	-2.1956 1.4200 1.4200
230	8	6 7 8	1.203 0.0017 -0.0018	0.86 -0.0006 0.0001	0.0008 -0.0009 0.0000	0.0000 -1.9104 -0.3546	2.5960 2.4457 2.4457	0.0001 0.0024 0.0024	-0.0000 0.0007 0.0007	-0.0009 0.0007 0.0007	-3.3707 1.4548 1.4548	-32.4189 1.5443 1.5443
230	9	6 7 8	1.203 0.0011 -0.0015	1.84 -0.0008 0.0012	0.0006 -0.0006 0.0000	-0.0000 -3.6930 -2.5720	2.9096 2.2076 2.2076	-0.0032 0.0057 0.0057	0.0001 0.0006 0.0006	-0.0018 0.0015 0.0015	-0.2330 0.5917 0.5917	2.7638 1.3239 1.3239
230	10	6 7 8	1.204 0.0009 0.0012	3.80 -0.0008 0.0012	0.0008 -0.0003 0.0000	-0.0000 -4.6705 4.9688	4.3436 1.3558 1.3558	0.0005 0.0099 0.0099	0.0004 0.0008 0.0008	-0.0018 0.0022 0.0022	-3.5951 0.4319 0.4319	16.4126 1.1320 1.1320
231	1	6 7 8	1.203 0.0004 -0.0011	-4.18 0.0002 0.0016	0.0002 -0.0005 0.0000	-0.0000 3.0286 -7.2626	2.3772 2.6693 2.6693	0.0055 -0.0049 -0.0049	0.0004 0.0017 0.0017	-0.0002 -0.0017 -0.0017	0.3763 -1.7704 -1.7704	-0.2077 1.7333 1.7333
231	3	6 7 8	1.202 0.0043 -0.0005	-2.31 0.0007 0.0015	0.0014 -0.0010 -0.0010	0.0000 0.8794 -15.2626	1.6814 9.9776 9.9776	0.0094 -0.0015 -0.0015	0.0001 0.0016 0.0016	0.0012 -0.0035 -0.0035	0.0801 -0.7083 -0.7083	0.6779 1.5745 1.5745

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
231	4	6 7 8	1.202 0.0053 -0.0009	-1.25 0.0010 0.0014	0.0014 -0.0010 -0.0010	0.9782 0.9782 -7.9007	1.3699 5.4927 -0.0077	0.0084 0.0077 0.0077	0.0003 0.0011 0.0011	0.0003 -0.0026 -0.0026	0.2129 -0.7520 -0.7520	0.0235 1.7136 1.7136
231	5	6 7 8	1.201 0.0056 -0.0019	-0.71 0.0012 0.0010	0.0016 -0.0012 -0.0012	0.00 1.0954 -2.5574	1.4933 3.1776 -0.0061	0.0079 0.0061 0.0061	0.0005 0.0006 0.0006	0.0010 -0.0019 -0.0019	0.3510 -0.5312 -0.5312	0.6526 1.5976 1.5976
231	6	6 7 8	1.203 0.0020 -0.0016	-0.22 0.0004 0.0008	0.0008 -0.0010 -0.0010	-0.00 1.1627 -2.7798	2.1672 3.1537 -0.0025	0.0048 0.0025 0.0025	0.0003 0.0006 0.0006	0.0004 -0.0010 -0.0010	0.3166 -1.1700 -1.1700	0.4673 2.1010 2.1010
231	7	6 7 8	1.204 0.0009 -0.0012	0.24 0.0004 0.0002	0.0003 -0.0004 -0.0004	-0.00 2.1539 -0.8730	1.9028 1.8750 -0.0041	-0.0004 0.0041 0.0041	-0.0004 0.0003 0.0003	-0.0013 0.0012 0.0012	5.0107 0.4188 0.4188	13.4217 1.5440 1.5440
231	8	6 7 8	1.203 0.0030 -0.0042	0.71 -0.0002 0.0003	0.0012 -0.0014 -0.0014	-0.00 -0.4220 -0.4249	1.8236 1.6574 -0.0037	-0.0034 0.0037 0.0037	-0.0006 0.0009 0.0009	-0.0019 0.0011 0.0011	0.9357 1.2649 1.2649	2.7762 1.5443 1.5443
231	9	6 7 8	1.203 0.0017 -0.0026	1.75 -0.0003 0.0008	0.0005 -0.0007 -0.0007	-0.00 -1.1437 -1.5479	1.6635 1.3202 -0.0076	-0.0076 0.0076 0.0076	-0.0005 0.0008 0.0008	-0.0029 0.0020 0.0020	0.4105 0.5803 0.5803	2.1026 1.3385 1.3385
231	10	6 7 8	1.203 0.0003 -0.0003	3.74 -0.0010 0.0010	0.0004 -0.0001 -0.0001	-0.00 -15.9224 -14.9143	6.8376 -1.5235 -0.0097	-0.0056 0.0097 0.0097	-0.0000 0.0006 0.0006	-0.0028 0.0019 0.0019	0.0879 0.3494 0.3494	2.4890 0.9916 0.9916
232	1	6 7 8	1.203 0.0095 0.0091	-4.17 -0.0012 0.0008	0.0019 0.0039 0.0039	-0.00 0.6536 0.4541	1.0349 2.1815 -0.0021	0.0102 0.0021 0.0021	-0.0008 0.0029 0.0029	0.0006 0.0008 0.0008	-0.4181 6.9250 6.9250	0.2959 1.9005 1.9005
232	2	6 7 8	1.202 0.0026 -0.0026	-2.24 0.0003 0.0013	0.0010 -0.0009 -0.0009	-0.00 0.5748 -2.5129	1.9982 1.7794 -0.0102	0.0118 -0.0102 -0.0102	-0.0012 0.0014 0.0014	0.0019 -0.0022 -0.0022	-0.5399 -0.7337 -0.7337	0.6039 1.1103 1.1103
232	3	6 7 8	1.204 0.0019 -0.0031	-1.27 0.0003 0.0010	0.0006 -0.0011 -0.0011	-0.00 0.9993 -1.6708	1.7606 1.8838 -0.0103	0.0105 -0.0103 -0.0103	-0.0008 0.0010 0.0010	0.0016 -0.0025 -0.0025	-0.4038 -0.4858 -0.4858	0.7817 1.2488 1.2488
232	4	6 7 8	1.203 0.0022 -0.0038	-0.73 0.0003 0.0010	0.0006 -0.0012 -0.0012	-0.00 0.8763 -1.3402	1.5520 1.6497 -0.0091	0.0087 -0.0091 -0.0091	-0.0006 0.0006 0.0006	0.0011 -0.0023 -0.0023	-0.3562 -0.3296 -0.3296	0.6699 1.2912 1.2912

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
232	5	6 7 8	1.203 0.0005 -0.00045	-0.28 0.0001 0.00011	0.0002 -0.00012	-0.0002 1.6738 -1.2636	1.9655 1.4176	0.0042 -0.0037	-0.0006 0.0004	-0.0002 -0.0020	-0.7739 -0.2813	0.2814 1.1489
232	6	6 7 8	1.202 0.0008 -0.00028	0.29 0.0001 0.00010	0.0002 -0.00008	-0.000 1.1449 -1.7914	1.3557 1.4320	-0.0017 0.0010	-0.0007 0.0004	-0.0012 0.0003	2.1763 2.2618	3.6957 1.6232
232	7	6 7 8	1.204 0.0005 -0.00009	0.78 0.0000 0.00011	0.0002 -0.0002	-0.000 0.0140 -6.1173	2.1823 1.2182	-0.0060 0.0060	-0.0001 0.0004	-0.0024 0.0018	0.1582 0.4084	2.0219 1.5573
232	8	6 7 8	1.202 0.0006 0.00003	1.78 0.0003 0.00013	-0.0003 0.0002	-0.000 3.0267 18.3538	2.6542 3.0338	-0.0111 0.0094	-0.0003 0.0006	-0.0034 0.0023	0.1351 0.3454	1.5567 1.2288
232	9	6 7 8	1.204 0.0037 0.00052	3.72 0.0010 0.00017	-0.0013 0.0011	0.000 1.3689 1.6750	1.7795 1.0788	-0.0101 0.0066	0.0002 -0.0000	-0.0030 0.0013	-0.1305 -0.0531	1.5297 0.9905
233	1	6 7 8	1.203 0.0020 0.00033	-4.25 0.0002 0.00007	-0.0004 0.0010	0.000 -0.5028 1.1015	1.1245 1.5620	-0.0075 0.0046	-0.0101 0.0099	-0.0034 0.0018	6.7813 10.7227	2.3095 1.9544
233	2	6 7 8	1.203 0.0020 0.00010	-2.21 0.0000 0.00014	-0.0004 0.0004	-0.000 -0.0214 6.9383	1.0936 2.1842	-0.0026 0.0038	-0.0054 0.0065	-0.0019 0.0011	10.4152 8.4732	3.7539 1.4618
233	3	6 7 8	1.203 0.0015 0.00006	-1.29 0.0000 0.00013	-0.0003 0.0003	-0.000 -0.0214 10.8130	1.0936 2.7145	0.0010 0.0000	-0.0035 0.0040	-0.0009 0.0004	-17.2933 9.440	-4.5241 65.2685
233	4	6 7 8	1.203 0.0012 0.00004	-0.73 0.0001 0.00015	-0.0005 0.0002	-0.000 -0.7537 18.2604	2.2805 2.6311	0.0019 -0.0005	-0.0023 0.0029	-0.0010 0.0003	-6.2263 -27.0698	-2.7302 -3.1755
233	5	6 7 8	1.205 0.0014 0.00006	-0.28 0.0001 0.00016	-0.0003 0.0003	-0.000 -0.3645 9.7801	1.2178 2.0154	0.0022 0.0003	-0.0014 0.0018	-0.0006 0.0004	-3.1947 26.1466	-1.5813 6.4631
233	6	6 7 8	1.203 0.0018 0.00004	0.25 0.0000 0.00015	-0.0004 0.0004	-0.000 -0.0156 18.9368	1.2503 5.5472	0.0026 0.0003	0.0001 0.0006	-0.0008 0.0003	0.2977 11.1018	-1.5104 -5.6183

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
233	7	6	1.203	0.000	0.73	-0.0003	-0.0272	-0.000	0.9364	0.0032	0.0014	-0.0004	-0.0004	2.2352	-0.7246	-0.4769	
		7	-0.0018	0.0019	0.000	0.0002	9.1084	0.0003	1.0489	0.0003	-0.0005	0.0004	0.0004	-6.5229	6.4769		
		8	0.0010	0.0019	0.000	0.0002	9.1084	0.0003	1.0489	0.0003	-0.0005	0.0004	0.0004	-6.5229	6.4769		
233	8	6	1.203	0.000	1.79	-0.0005	-0.0251	-0.000	0.9936	0.0053	0.0036	0.0004	0.0004	3.4636	0.4433		
		7	-0.0028	0.000	0.000	0.0004	5.5972	-0.000	1.1965	-0.0007	-0.0032	0.0001	0.0001	21.2320	-0.7683		
		8	0.0019	0.0021	0.000	0.0004	5.5972	-0.000	1.1965	-0.0007	-0.0032	0.0001	0.0001	21.2320	-0.7683		
233	9	6	1.203	0.000	3.69	-0.0012	-0.000	-0.000	1.1580	0.0092	0.0078	0.0018	0.0018	4.2293	1.0078		
		7	-0.0054	0.000	0.000	0.0006	4.9336	-0.000	1.5952	-0.0073	-0.0076	-0.0020	-0.0020	5.2524	1.3822		
		8	0.0021	0.0021	0.000	0.0006	4.9336	-0.000	1.5952	-0.0073	-0.0076	-0.0020	-0.0020	5.2524	1.3822		
234	4	6	1.204	0.000	-4.29	-0.0006	-0.000	-0.000	7.3228	-0.0894	0.0029	-0.0253	-0.0253	-0.1656	1.4175		
		7	-0.0004	0.000	0.000	0.0007	0.3964	-0.000	0.8103	0.0889	-0.0034	0.0263	0.0263	-0.1952	1.4798		
		8	0.0043	0.000	0.000	0.0007	0.3964	-0.000	0.8103	0.0889	-0.0034	0.0263	0.0263	-0.1952	1.4798		
234	5	6	1.204	0.000	-2.15	-0.0000	0.000	-0.000	-0.0212	-0.0445	-0.0000	-0.0121	-0.0121	0.0065	1.3606		
		7	0.0012	0.000	0.000	0.0000	1.147	0.000	-0.0212	-0.0445	-0.0000	-0.0121	-0.0121	0.0065	1.3606		
		8	0.0052	0.000	0.000	0.0000	0.8748	0.000	-0.0212	-0.0445	-0.0000	-0.0121	-0.0121	0.0065	1.3606		
234	6	6	1.203	0.000	-1.26	-0.0002	0.000	-0.000	-1.8683	-0.0268	-0.0002	-0.0071	-0.0071	0.0466	1.3355		
		7	0.0006	0.000	0.000	0.0009	0.7889	0.000	-0.8029	0.0257	-0.0006	0.0079	0.0079	-0.1215	1.5406		
		8	0.0057	0.000	0.000	0.0009	0.7889	0.000	-0.8029	0.0257	-0.0006	0.0079	0.0079	-0.1215	1.5406		
234	7	6	1.204	0.000	-0.67	-0.0003	0.000	-0.000	-1.5982	-0.0154	-0.0002	-0.0044	-0.0044	0.0772	1.4456		
		7	0.0010	0.000	0.000	0.0009	0.8053	0.000	-0.9112	0.0148	-0.0005	0.0048	0.0048	-0.1984	1.6439		
		8	0.0050	0.000	0.000	0.0009	0.8053	0.000	-0.9112	0.0148	-0.0005	0.0048	0.0048	-0.1984	1.6439		
234	8	6	1.203	0.000	-0.18	-0.0006	-0.000	-0.000	16.1394	-0.0067	-0.0003	-0.0014	-0.0014	0.2859	1.0480		
		7	-0.0002	0.000	0.000	0.0011	0.8091	0.000	16.1394	-0.0067	-0.0003	-0.0014	-0.0014	0.2859	1.0480		
		8	0.0061	0.000	0.000	0.0011	0.8091	0.000	16.1394	-0.0067	-0.0003	-0.0014	-0.0014	0.2859	1.0480		
234	9	6	1.204	0.000	0.31	-0.0006	-0.000	-0.000	16.1394	0.0032	-0.0008	0.0015	0.0015	-0.3822	2.3306		
		7	-0.0002	0.000	0.000	0.0011	0.7171	0.000	16.1394	0.0032	-0.0008	0.0015	0.0015	-0.3822	2.3306		
		8	0.0062	0.000	0.000	0.0011	0.7171	0.000	16.1394	0.0032	-0.0008	0.0015	0.0015	-0.3822	2.3306		
234	10	6	1.202	0.000	0.83	-0.0005	0.000	-0.000	57.8934	0.0119	-0.0002	0.0038	0.0038	-0.1191	1.6208		
		7	0.0000	0.000	0.000	0.0010	0.8481	0.000	57.8934	0.0119	-0.0002	0.0038	0.0038	-0.1191	1.6208		
		8	0.0059	0.000	0.000	0.0010	0.8481	0.000	57.8934	0.0119	-0.0002	0.0038	0.0038	-0.1191	1.6208		
234	11	6	1.202	0.000	1.90	-0.0003	0.000	-0.000	-1.5942	0.0343	-0.0001	0.0100	0.0100	-0.0197	1.4666		
		7	0.0010	0.000	0.000	0.0010	0.8481	0.000	-1.5942	0.0343	-0.0001	0.0100	0.0100	-0.0197	1.4666		
		8	0.0059	0.000	0.000	0.0010	0.8481	0.000	-1.5942	0.0343	-0.0001	0.0100	0.0100	-0.0197	1.4666		

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
234	12	6	1.203	3.79	-0.0005	-0.0008	0.0006	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008
		7	-0.0004	0.0006	-0.0005	-0.0008	0.0006	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008
		8	0.00065	0.0008	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013
235	1	6	0.402	-4.61	-0.0011	-0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
		7	-0.00043	0.0004	-0.0017	-0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
		8	0.00130	0.0022	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
235	2	6	0.402	-2.62	-0.0017	-0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013
		7	-0.0010	0.0009	-0.0017	-0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013
		8	0.0010	0.0013	0.0017	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013
235	3	6	0.401	-1.64	0.0000	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013
		7	0.0010	0.0014	0.0000	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013
		8	0.00101	0.0013	0.0017	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013
235	4	6	0.400	-1.19	-0.0011	-0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
		7	-0.00031	0.0004	-0.0011	-0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
		8	0.00102	0.0013	0.0017	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013
235	5	6	0.401	-0.66	-0.0011	-0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
		7	-0.00077	0.0000	-0.0011	-0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
		8	0.00114	0.0013	0.0017	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013	0.0013
235	6	6	0.401	-0.18	-0.0011	-0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
		7	-0.00059	0.0004	-0.0011	-0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
		8	0.00050	0.0000	0.0011	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
235	7	6	0.401	0.31	-0.0005	-0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004
		7	-0.00025	0.0000	-0.0005	-0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004
		8	0.00047	0.0004	0.0005	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004
235	8	6	0.401	1.28	-0.0005	-0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004
		7	-0.00072	0.0004	-0.0005	-0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004
		8	0.00038	0.0000	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011
235	9	6	0.402	3.34	-0.0011	-0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011
		7	-0.00072	0.0004	-0.0011	-0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011
		8	0.00079	0.0008	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011
235	10	6	0.401	-0.71	-0.0011	-0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011
		7	-0.00005	0.0004	-0.0011	-0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011
		8	0.00110	0.0018	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011	0.0011

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
236	1	6	0.401 -0.0013 0.0092	-4.60 -0.0000 0.0023	-0.0005 0.0011	-0.0000 0.0000 1.2723	2.1791 0.6276	-0.0259 0.0304	-0.0030 0.0030	-0.0111 0.0096	0.5814 0.4963	2.4931 1.5047
236	2	6	0.401 -0.0026 0.0092	-2.67 0.0000 0.0023	-0.0005 0.0011	-0.0000 0.0000 1.2723	1.0936 0.6276	-0.0112 0.0169	-0.0012 0.0021	-0.0058 0.0062	0.5717 0.6471	2.6074 1.6350
236	3	6	0.402 -0.0033 0.0086	-1.63 0.0004 0.0028	0.0000 0.0011	0.6629 0.6629 1.6329	-0.0154 0.6637	-0.0127 0.0038	-0.0037 0.0000	-0.0023 0.0028	1.4609 -0.1093	0.9134 3.6812
236	4	6	0.401 -0.0033 0.0086	-1.18 0.0004 0.0028	0.0000 0.0011	0.6629 0.6629 1.6329	-0.0154 0.6637	-0.0048 0.0046	-0.0037 0.0003	-0.0034 0.0028	2.1471 0.4282	1.9826 3.0491
236	5	6	0.402 -0.0065 0.0070	-0.67 0.0003 0.0018	0.0000 0.0011	0.6629 0.6629 1.3208	-0.0154 0.8146	0.0001 0.0004	-0.0014 0.0035	0.0000 0.0016	-38.2209 -5.8343	0.0280 18.8897
236	6	6	0.402 -0.0038 0.0070	-0.15 0.0000 0.0018	0.0000 0.0011	0.6624 0.6624 1.3208	-0.0183 0.8146	0.0030 0.0042	-0.0005 0.0009	0.0000 0.0005	-0.8693 1.1230	0.0057 -0.6820
236	7	6	0.401 -0.0074 0.0041	0.29 0.0013 0.0009	0.0000 0.0017	0.9110 1.0984	-0.0145 -2.0972	0.0022 0.0042	-0.0010 0.0009	0.0000 0.0000	-2.2214 -1.1163	0.0063 -0.0183
236	8	6	0.402 -0.0074 0.0049	1.36 0.0013 0.0014	0.0005 0.0005	0.9019 1.4116	-0.4014 0.5771	0.0146 0.0167	0.0017 0.0037	-0.0023 0.0016	0.5903 1.1104	0.7917 0.4880
236	9	6	0.403 -0.0066 0.0061	3.34 0.0008 0.0013	0.0000 0.0017	0.6629 1.1025	-0.0154 1.3854	0.0311 0.0308	0.0038 0.0044	0.0069 0.0077	0.6251 0.7138	1.1102 1.2336
237	1	6	0.403 -0.0035 0.0065	-4.65 0.0013 0.0008	0.0011 0.0016	0.9117 0.6529	-1.6149 1.2805	-0.0131 0.0156	-0.0040 0.0016	-0.0033 0.0060	1.5567 0.5300	1.2948 1.9256
237	3	6	0.403 -0.0031 0.0060	-2.65 0.0003 0.0013	0.0016 0.0005	0.9953 1.1079	-2.6580 0.4582	-0.0111 0.0044	-0.0021 0.0003	-0.0039 0.0032	0.9779 0.4180	1.7640 3.6812

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
237	4	6 7 8	0.402 -0.0054 0.0040	-1.69 -0.0017 0.0008	0.0011 0.0005	-0.198 1.1065	-1.0304 0.6877	-0.0093 -0.0003	-0.0041 -0.0009	-0.0016 0.0016	2.2018 14.4804	0.8992 -24.4804
237	5	6 7 8	0.401 -0.0012 0.0020	-1.17 0.0004 0.0004	0.0000 0.0005	-0.0624 1.1025	-0.0183 1.3854	-0.0078 -0.0041	-0.0031 -0.0009	-0.0005 0.0011	2.0322 1.1296	0.3548 -1.3574
237	6	6 7 8	0.401 -0.0074 0.0027	-0.67 -0.0022 0.0009	0.0011 0.0005	-0.00 1.6334	-0.7586 0.9996	-0.0071 -0.0061	-0.0027 -0.0013	0.0000 0.0005	1.9208 1.1207	-0.0024 -0.4617
237	7	6 7 8	0.402 -0.0094 0.0035	-0.17 -0.0026 0.0013	0.0011 0.0005	-0.00 1.9337	-0.6014 0.7814	-0.0002 -0.0061	-0.0009 -0.0013	0.0000 0.0005	16.3338 1.1207	-0.0492 -0.4617
237	8	6 7 8	0.402 -0.0094 0.0019	0.33 -0.0026 0.0004	0.0005 0.0011	-0.00 1.0942	-0.3062 2.8233	0.0012 -0.0061	-0.0000 -0.0013	0.0000 0.0000	-0.0733 1.1163	0.0052 -0.0183
237	9	6 7 8	0.401 -0.0072 0.0019	1.45 -0.0013 0.0004	0.0005 0.0011	-0.00 0.9019	-0.4014 2.8233	-0.0015 -0.0088	-0.0009 -0.0022	0.0011 0.0005	2.9259 1.2770	-3.5473 0.2895
237	10	6 7 8	0.402 -0.0109 0.0039	3.47 -0.0012 0.0008	0.0000 0.0011	-0.00 0.5809	-0.0158 1.3854	0.0113 -0.0192	0.0007 -0.0039	0.0044 -0.0012	0.3386 1.0278	1.9778 1.1123
238	1	6 7 8	0.401 -0.0058 -0.0019	-4.61 -0.0027 0.0019	0.0023 -0.0017	-0.00 2.3387	-1.9601 4.4632	-0.0263 0.0262	-0.0010 -0.0008	-0.0086 0.0083	0.1936 -0.1569	1.6468 1.5901
238	2	6 7 8	0.401 -0.0055 0.0052	-2.70 -0.0017 0.0023	0.0017 -0.0011	-0.00 2.2437	-1.5463 -1.0670	-0.0110 0.0009	-0.0012 -0.0009	-0.0034 0.0016	0.5693 -5.1794	1.5498 8.6694
238	3	6 7 8	0.401 -0.0074 -0.0001	-1.68 -0.0022 0.0014	0.0016 -0.0011	-0.00 1.4768	-1.1352 40.4576	-0.0095 -0.0023	-0.0026 -0.0014	-0.0011 0.0010	1.4074 3.0062	0.5871 -2.3388
238	4	6 7 8	0.402 -0.0053 0.0064	-1.22 -0.0008 0.0038	0.0005 -0.0011	-0.00 2.9941	-0.5501 -0.8936	-0.0015 -0.0020	-0.0009 -0.0004	0.0000 0.0000	3.0028 1.1163	-0.0069 -0.0183

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key															
238	5	6 7 8	0.401 -0.0096 0.0040	-0.0027 0.0024 0.0000	0.0011 -0.0016 0.0000	-0.0054 1.4057 1.9657	-0.6014 -2.0950 -0.0031	-0.0038 0.0000 0.0000	0.0000 -0.0010 -0.0005	3.0028 -0.0670 -0.0000	-0.0028 -0.0670 -0.0000	-0.0028 -0.0670 -0.0000	-0.0028 -0.0670 -0.0000	-0.0028 -0.0670 -0.0000	-0.0028 -0.0670 -0.0000	-0.0028 -0.0670 -0.0000	-0.0028 -0.0670 -0.0000	-0.0028 -0.0670 -0.0000
238	6	6 7 8	0.400 -0.0085 0.0045	-0.0027 0.0019 0.0000	0.0017 -0.0000 0.0000	-0.0000 1.6198 2.1211	-1.0304 -0.0006 -0.0042	-0.0005 0.0000 -0.0009	0.0000 0.0000 0.0005	-1.4448 1.1230 -0.0000	-1.4448 1.1230 -0.0000	-1.4448 1.1230 -0.0000	-1.4448 1.1230 -0.0000	-1.4448 1.1230 -0.0000	-1.4448 1.1230 -0.0000	-1.4448 1.1230 -0.0000	-1.4448 1.1230 -0.0000	-1.4448 1.1230 -0.0000
238	7	6 7 8	0.402 -0.0091 0.0067	0.33 -0.0031 0.0008	0.0023 0.0005 0.0000	-0.0000 1.7332 0.6633	-1.2574 0.4254 -0.0005	-0.0005 -0.0018 -0.0018	-0.0005 0.0000 0.0005	17.1135 1.6396 -0.0000	17.1135 1.6396 -0.0000	17.1135 1.6396 -0.0000	17.1135 1.6396 -0.0000	17.1135 1.6396 -0.0000	17.1135 1.6396 -0.0000	17.1135 1.6396 -0.0000	17.1135 1.6396 -0.0000	17.1135 1.6396 -0.0000
238	8	6 7 8	0.400 -0.0099 0.0066	1.34 -0.0036 0.0008	0.0017 0.0017 0.0017	-0.0000 1.8385 0.6529	-0.8701 1.2805 -0.0063	-0.0063 -0.0046 -0.0004	0.0005 0.0000 0.0000	2.9929 0.4794 -0.0000	2.9929 0.4794 -0.0000	2.9929 0.4794 -0.0000	2.9929 0.4794 -0.0000	2.9929 0.4794 -0.0000	2.9929 0.4794 -0.0000	2.9929 0.4794 -0.0000	2.9929 0.4794 -0.0000	2.9929 0.4794 -0.0000
238	9	6 7 8	0.403 -0.0082 0.0086	0.31 -0.0026 0.0013	0.0016 0.0011 0.0011	-0.0000 1.6198 0.7657	-1.0304 0.6491 -0.0143	-0.0143 -0.0148 -0.0012	0.0039 -0.0032 -0.0032	-0.4028 0.4145 1.0084	-0.4028 0.4145 1.0084	-0.4028 0.4145 1.0084	-0.4028 0.4145 1.0084	-0.4028 0.4145 1.0084	-0.4028 0.4145 1.0084	-0.4028 0.4145 1.0084	-0.4028 0.4145 1.0084	-0.4028 0.4145 1.0084
240	4	6 7 8	1.201 0.0029 0.0054	4.16 0.0012 0.0007	-0.0001 0.0012 0.0012	0.0000 2.1747 0.6912	-0.2192 1.1189 -0.0146	0.0047 -0.0062 -0.0062	-0.0415 0.0417 -0.0417	-0.2061 -0.2900 -0.2900	-0.2061 -0.2900 -0.2900	-0.2061 -0.2900 -0.2900	-0.2061 -0.2900 -0.2900	-0.2061 -0.2900 -0.2900	-0.2061 -0.2900 -0.2900	-0.2061 -0.2900 -0.2900	-0.2061 -0.2900 -0.2900	-0.2061 -0.2900 -0.2900
240	5	6 7 8	1.201 0.0022 0.0089	2.26 0.0016 0.0012	-0.0007 0.0021 0.0021	0.0000 3.7440 0.6757	-1.6226 1.2171 -0.0660	0.0023 -0.0032 -0.0032	-0.0237 0.0235 0.0235	-0.1782 -0.2673 -0.2673	-0.1782 -0.2673 -0.2673	-0.1782 -0.2673 -0.2673	-0.1782 -0.2673 -0.2673	-0.1782 -0.2673 -0.2673	-0.1782 -0.2673 -0.2673	-0.1782 -0.2673 -0.2673	-0.1782 -0.2673 -0.2673	-0.1782 -0.2673 -0.2673
240	6	6 7 8	1.202 0.0024 0.0096	1.16 0.0017 0.0010	-0.0006 0.0024 0.0024	0.0000 3.6927 0.5712	-1.2572 1.2615 -0.0366	0.0007 -0.0017 -0.0017	-0.0124 0.0125 0.0125	-0.0977 -0.2829 -0.2829	-0.0977 -0.2829 -0.2829	-0.0977 -0.2829 -0.2829	-0.0977 -0.2829 -0.2829	-0.0977 -0.2829 -0.2829	-0.0977 -0.2829 -0.2829	-0.0977 -0.2829 -0.2829	-0.0977 -0.2829 -0.2829	-0.0977 -0.2829 -0.2829
240	7	6 7 8	1.201 0.0044 0.0087	0.70 0.0016 0.0012	-0.0000 0.0018 0.0018	0.0000 1.8958 0.7010	-0.0165 1.0442 -0.0259	0.0001 -0.0018 -0.0018	-0.0084 -0.0084 -0.0084	-0.0237 -0.4495 -0.4495	-0.0237 -0.4495 -0.4495	-0.0237 -0.4495 -0.4495	-0.0237 -0.4495 -0.4495	-0.0237 -0.4495 -0.4495	-0.0237 -0.4495 -0.4495	-0.0237 -0.4495 -0.4495	-0.0237 -0.4495 -0.4495	-0.0237 -0.4495 -0.4495
240	8	6 7 8	1.202 0.0024 0.0091	0.22 0.0014 0.0010	-0.0004 0.0020 0.0020	0.0000 3.0098 0.5478	-0.9918 1.1219 -0.0134	-0.0002 -0.0012 -0.0012	-0.0035 0.0035 0.0035	0.1094 -0.6357 -0.6357	0.1094 -0.6357 -0.6357	0.1094 -0.6357 -0.6357	0.1094 -0.6357 -0.6357	0.1094 -0.6357 -0.6357	0.1094 -0.6357 -0.6357	0.1094 -0.6357 -0.6357	0.1094 -0.6357 -0.6357	0.1094 -0.6357 -0.6357
240	9	6 7 8	1.203 0.0017 0.0086	0.22 0.0013 0.0012	-0.0006 0.0020 0.0020	0.0000 3.9501 0.6994	-1.7238 1.1851 -0.0001	-0.0004 -0.0008 -0.0008	0.0007 -0.0005 -0.0005	12.3163 1.1076 -0.0000	12.3163 1.1076 -0.0000	12.3163 1.1076 -0.0000	12.3163 1.1076 -0.0000	12.3163 1.1076 -0.0000	12.3163 1.1076 -0.0000	12.3163 1.1076 -0.0000	12.3163 1.1076 -0.0000	12.3163 1.1076 -0.0000

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
240	10	6 7 8	1.203 0.0018 0.0096	0.68 0.0015 0.0013	-0.0007 0.0022 0.0006	4.3768 0.6744 3.9501	-2.0081 1.1900 -1.7298	0.0130 -0.0163 0.0387	-0.0007 -0.0001 0.0019	0.0053 -0.0052 0.0150	-0.2759 0.0525 -0.2512	2.0548 1.6135 1.9366
240	11	6 7 8	1.202 0.0017 0.0088	1.68 0.0013 0.0013	-0.0006 0.0019 0.0020	0.00 0.7440 0.6765	-1.0934 -0.0410 -0.8324	0.0387 -0.0410 0.0902	-0.0019 0.0008 0.0032	-0.0147 -0.1003 -0.0335	-0.2512 -0.1003 -0.1773	1.9366 1.7891 1.8957
240	12	6 7 8	1.203 0.0036 0.0089	3.71 0.0015 0.0012	-0.0006 0.0020 0.0020	0.00 2.1169 0.6765	-0.8324 1.1487 -1.2005	0.0902 -0.0909 -0.0122	-0.0047 0.0032 -0.0003	0.0342 -0.0335 -0.0037	-0.2605 -0.1773 0.1257	1.8957 1.8446 2.3993
240	13	6 7 8	1.205 0.0030 0.0092	0.25 0.0016 0.0010	-0.0007 0.0020 0.0020	0.00 2.7381 0.5920	-1.2005 1.1017 3.1191	-0.0122 0.0080 -0.0015	-0.0003 -0.0011 -0.0035	-0.0037 0.0038 -0.0026	0.1257 -0.7081 11.8911	1.5386 2.3993 8.6662
241	1	6 7 8	1.200 0.0015 0.0067	4.19 0.0003 0.0023	-0.0009 0.0037 0.0006	-1.2712 1.7363 5.3389	3.1191 2.7711 3.1929	-0.0015 0.0079 0.0025	-0.0035 0.0055 -0.0025	-0.0026 0.0034 0.0004	11.8911 3.4546 -5.0133	8.6662 2.1623 -4.2259
241	2	6 7 8	1.204 0.0007 0.0010	2.15 0.0002 0.0011	0.0003 0.0006 0.0006	1.9715 5.3389 -3.7676	3.1929 2.7711 2.1858	0.0025 -0.0004 0.0005	-0.0025 0.0019 -0.0019	-0.0004 0.0003 -0.0003	-5.0133 -26.6572 -15.7426	-4.2259 -0.9630 -7.1086
241	3	6 7 8	1.203 0.0009 0.0010	1.17 0.0003 0.0008	-0.0002 0.0004 0.0004	-0.00 2.1453 -3.7676	2.1858 1.2702 2.1858	-0.0002 0.0005 -0.0002	0.0019 -0.0019 0.0019	-0.0003 -0.0003 -0.0003	-40.8010 -4.0754 -2.4288	-0.9630 0.0076 1.9071
241	4	6 7 8	1.202 0.0017 0.0026	0.73 0.0005 0.0006	-0.0003 0.0009 0.0009	-0.00 1.6564 -1.1727	0.9818 1.7305 0.9818	0.0013 -0.0020 0.0013	-0.0010 0.0009 -0.0009	0.0000 -0.0007 -0.0007	-4.0754 -2.4288 -2.4288	0.0076 1.9071 0.0076
241	5	6 7 8	1.204 0.0010 0.0040	0.25 0.0004 0.0005	-0.0000 0.0014 0.0014	-0.00 2.2614 -0.5726	-0.0143 1.8248 -1.8248	0.0002 -0.0028 0.0002	-0.0007 0.0008 -0.0007	0.0000 -0.0014 -0.0014	-14.3294 -1.4472 -1.4472	0.0137 2.5537 0.0137
241	6	6 7 8	1.202 0.0010 0.0005	0.50 0.0004 0.0009	-0.0002 0.0000 0.0000	-3.2483 -9.5531 -9.5531	-1.1280 0.0444 -0.0444	-0.0011 0.0020 0.0020	-0.0003 0.0004 -0.0004	-0.0001 0.0002 -0.0002	1.6286 1.1089 1.1089	0.5049 0.5323 0.5049
241	7	6 7 8	1.203 0.0002 0.0000	0.81 0.0001 0.0008	-0.0004 0.0003 0.0003	-4.0658 47.4615 47.4615	10.3728 18.6024 18.6024	-0.0032 0.0029 0.0029	0.0003 0.0000 0.0000	-0.0014 0.0003 -0.0003	-0.5275 0.1150 0.1150	2.2764 0.5504 0.5504

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
241	8	6 7 8	1.203 -0.0009 0.0019	-1.80 0.0010 0.0010	-0.0008 0.0007 0.0007	0.6099 0.6099 2.6481	4.7086 2.0449 2.0449	-0.0030 0.0022 0.0022	0.0012 -0.0008 -0.0008	-0.0017 -0.0000 -0.0000	-1.2046 -1.9533 -1.9533	1.6701 -0.0064 -0.0064
241	9	6 7 8	1.205 -0.0085 0.0073	-5.84 0.0010 0.0013	-0.0039 0.0024 0.0024	0.00 0.6262 0.9420	2.3224 1.6544 1.6544	0.0004 -0.0024 -0.0024	0.0036 -0.0040 -0.0040	0.0012 -0.0026 -0.0026	39.5590 8.0554 8.0554	13.2032 13.2032 13.2032
242	4	6 7 8	1.205 -0.0021 -0.0051	-4.29 0.0007 0.0004	0.0002 -0.0003 -0.0003	-0.00 1.8431 -0.4379	-0.5823 0.3583 0.3583	-0.0013 0.0019 0.0019	-0.0004 0.0016 0.0016	-0.0015 0.0010 0.0010	1.8749 4.3519 4.3519	6.0906 2.7364 2.7364
242	5	6 7 8	1.202 0.0052 -0.0034	-2.11 0.0007 0.0003	0.0020 -0.0016 -0.0016	0.6804 0.6804 -0.5299	1.9256 2.3999 2.3999	0.0047 -0.0061 -0.0061	0.0000 0.0009 0.0009	0.0008 -0.0026 -0.0026	0.0326 -0.7350 -0.7350	0.9023 2.1680 2.1680
242	6	6 7 8	1.202 0.0041 -0.0030	-1.28 0.0007 0.0001	0.0017 -0.0014 -0.0014	0.00 0.6619 -0.2616	2.1428 2.3777 2.3777	0.0053 -0.0062 -0.0062	0.0006 0.0000 0.0000	0.0013 -0.0025 -0.0025	0.5832 -0.0022 -0.0022	1.2304 1.2304 1.2304
242	7	6 7 8	1.202 0.0031 -0.0034	-0.72 0.0006 0.0001	0.0015 -0.0015 -0.0015	0.00 0.9723 0.1995	2.4291 2.2137 2.2137	0.0044 -0.0038 -0.0038	0.0007 -0.0000 -0.0000	0.0011 -0.0021 -0.0021	0.8286 0.0270 0.0270	1.3426 2.8739 2.8739
242	8	6 7 8	1.203 0.0025 -0.0042	-0.22 0.0006 0.0009	0.0013 -0.0015 -0.0015	-0.00 1.1744 1.1015	2.7022 1.8056 1.8056	0.0027 -0.0039 -0.0039	0.0005 -0.0001 -0.0001	0.0009 -0.0020 -0.0020	0.9999 0.1527 0.1527	1.7032 2.6052 2.6052
242	9	6 7 8	1.203 0.0011 -0.0037	0.29 0.0002 -0.0006	0.0009 -0.0011 -0.0011	-0.00 -1.2440 0.8560	4.1543 1.5612 1.5612	-0.0022 0.0039 0.0039	-0.0002 -0.0002 -0.0002	-0.0009 0.0009 0.0009	0.5705 -0.5074 -0.5074	2.0760 1.1627 1.1627
242	10	6 7 8	1.203 0.0023 -0.0040	0.86 0.0007 -0.0003	0.0010 -0.0010 -0.0010	0.00 -1.6250 0.4229	2.1559 1.2939 1.2939	-0.0056 0.0034 0.0034	-0.0005 0.0003 0.0003	-0.0019 0.0010 0.0010	0.5209 0.4923 0.4923	1.7444 1.4503 1.4503
242	11	6 7 8	1.204 0.0004 -0.0013	2.79 0.0010 0.0000	0.0002 -0.0000 -0.0000	0.00 11.8402 -0.0297	-2.5607 0.0046 0.0046	-0.0079 0.0061 0.0061	-0.0002 0.0002 0.0002	-0.0029 0.0016 0.0016	0.1611 0.1734 0.1734	1.8213 1.3553 1.3553
242	12	6 7 8	1.203 0.0015 -0.0007	3.78 0.0015 -0.0001	-0.0005 -0.0005 -0.0005	-0.00 0.8334 0.7234	1.8834 1.9056 1.9056	-0.0018 0.0055 0.0055	0.0013 -0.0008 -0.0008	-0.0008 -0.0003 -0.0003	-3.7551 -0.7532 -0.7532	2.1926 0.2976 0.2976

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key															
243	1	6	1.002 -0.0031 -0.0035	-0.0012 0.0026 0.0012	-0.0021 0.0012 0.0005	-0.0012 0.0026 0.0003	-0.0022 0.0012 0.0003	0.0022 0.0022 0.0003	0.0022 0.0022 0.0003	1.9214 3.7395 -1.2991	-0.0137 0.0188 -0.0061	-0.0032 0.0039 -0.0017	-0.0072 0.0079 -0.0027	1.1675 1.0367 1.5748	2.6296 2.0976 2.8481	1.0367 2.0976 1.8398	2.0976 2.0976 2.9521	
243	2	6	1.004 -0.0015 -0.0013	-0.0003 0.0003 0.0003	-0.0005 0.0003 0.0003	-0.0003 0.0003 0.0003	-0.0003 0.0003 0.0003	-0.0003 0.0003 0.0003	-0.0003 0.0003 0.0003	1.2991 -1.5053 -1.2991	-0.0019 0.0046 -0.0017	-0.0019 0.0017 -0.0027	-0.0035 0.0027 -0.0027	1.5748 1.8398 1.5748	2.8481 2.9521 2.8481	1.8398 1.8398 1.8398	2.9521 2.9521 2.9521	
243	3	6	0.998 -0.0017 -0.0014	-0.0003 0.0002 0.0002	-0.0003 0.0002 0.0002	-0.0003 0.0002 0.0002	-0.0003 0.0002 0.0002	-0.0003 0.0002 0.0002	-0.0003 0.0002 0.0002	1.4997 -0.4401 -0.4997	-0.0035 0.0024 -0.0024	-0.0014 0.0013 -0.0013	-0.0023 0.0017 -0.0017	2.0281 2.6673 2.0281	3.2827 3.4953 3.2827	2.0281 2.6673 2.0281	3.4953 3.4953 3.4953	
243	4	6	0.996 -0.0017 -0.0016	-0.0003 0.0001 0.0001	-0.0003 0.0001 0.0001	-0.0003 0.0001 0.0001	-0.0003 0.0001 0.0001	-0.0003 0.0001 0.0001	-0.0003 0.0001 0.0001	1.4997 -0.7852 -0.4997	-0.0010 0.0001 -0.0001	-0.0006 0.0003 -0.0003	-0.0014 0.0010 -0.0010	3.1857 4.1224 3.1857	7.1497 7.7887 7.1497	3.1857 4.1224 3.1857	7.1497 7.7887 7.1497	
243	5	6	1.004 -0.0015 -0.0015	-0.0002 0.0000 0.0000	-0.0002 0.0000 0.0000	-0.0002 0.0000 0.0000	-0.0002 0.0000 0.0000	-0.0002 0.0000 0.0000	-0.0002 0.0000 0.0000	0.8369 -0.4243 -0.8369	0.0000 -0.0013 0.0000	-0.0003 0.0001 -0.0001	-0.0005 0.0001 -0.0001	-0.0005 0.0001 -0.0001	24.1478 -38.2516 -24.1478	-38.2516 -0.5022 24.1478	-0.4357 -0.5022 -0.4357	-0.5022 -0.5022 -0.5022
243	6	6	1.004 -0.0020 -0.0004	-0.0003 0.0001 0.0001	-0.0003 0.0001 0.0001	-0.0003 0.0001 0.0001	-0.0003 0.0001 0.0001	-0.0003 0.0001 0.0001	-0.0003 0.0001 0.0001	1.2811 -6.9601 -1.2811	0.0007 -0.0004 -0.0004	-0.0001 0.0003 -0.0003	0.0000 0.0001 -0.0001	-0.0001 0.0001 -0.0001	0.8693 0.0057 1.1207	0.0057 0.0057 0.0057	1.1207 0.0057 1.1207	0.0057 0.0057 0.0057
243	7	6	0.001 -0.0022 -0.0000	-0.0004 0.0000 0.0000	-0.0004 0.0000 0.0000	-0.0004 0.0000 0.0000	-0.0004 0.0000 0.0000	-0.0004 0.0000 0.0000	-0.0004 0.0000 0.0000	1.4691 -6.9568 -1.4691	0.0018 -0.0023 0.0018	0.0002 -0.0008 0.0002	-0.0006 0.0003 -0.0003	0.5391 1.8483 0.5391	1.8291 0.8153 1.8291	0.5391 1.8483 0.5391	1.8291 0.8153 1.8291	
243	8	6	1.003 -0.0026 -0.0021	-0.0008 0.0001 0.0001	-0.0008 0.0001 0.0001	-0.0008 0.0001 0.0001	-0.0008 0.0001 0.0001	-0.0008 0.0001 0.0001	-0.0008 0.0001 0.0001	1.2317 3.1588 -1.2317	0.0048 -0.0034 0.0048	0.0010 -0.0011 0.0010	0.0012 -0.0010 0.0012	1.1081 1.7021 1.1081	1.2649 1.4888 1.2649	1.1081 1.7021 1.1081	1.2649 1.4888 1.2649	
243	9	6	1.001 -0.0049 -0.0004	-0.0010 0.0003 0.0003	-0.0010 0.0003 0.0003	-0.0010 0.0003 0.0003	-0.0010 0.0003 0.0003	-0.0010 0.0003 0.0003	-0.0010 0.0003 0.0003	1.7210 2.1879 -1.7210	0.0123 -0.0098 0.0123	0.0027 -0.0028 0.0027	0.0047 -0.0041 0.0047	1.1123 1.4457 1.1123	1.8931 2.1033 1.8931	1.1123 1.4457 1.1123	2.1033 2.1033 2.1033	
244	1	6	1.001 -0.0028 -0.0038	-0.0002 0.0002 0.0002	-0.0002 0.0002 0.0002	-0.0002 0.0002 0.0002	-0.0002 0.0002 0.0002	-0.0002 0.0002 0.0002	-0.0002 0.0002 0.0002	1.4233 3.2010 -1.4233	-0.0300 0.0289 0.0300	-0.0053 0.0049 -0.0053	-0.0130 0.0121 -0.0130	0.8842 0.8572 0.8842	2.1634 2.1009 2.1634	0.8842 0.8572 0.8842	2.1634 2.1009 2.1634	
244	2	6	1.001 -0.0023 -0.0016	-0.0007 0.0007 0.0007	-0.0007 0.0007 0.0007	-0.0007 0.0007 0.0007	-0.0007 0.0007 0.0007	-0.0007 0.0007 0.0007	-0.0007 0.0007 0.0007	1.4371 3.2877 -1.4371	-0.0144 0.0151 0.0144	-0.0030 0.0033 -0.0030	-0.0073 0.0063 -0.0073	1.0402 1.0930 1.0402	2.5313 2.1048 2.5313	1.0402 1.0930 1.0402	2.5313 2.1048 2.5313	

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
244	3	6 7 8	1.001 -0.0020 -0.0001	-1.28 0.0001 0.0003	-0.0006 0.0010 -0.0006	-0.0008 12.0357 -4.0284	1.6531 0.0081 0.0083	-0.0019 0.0018 0.0018	-0.0037 0.0037 0.0037	1.2025 1.0917 1.0917	2.3781 2.2420 2.2420	
244	4	6 7 8	1.002 -0.0027 0.0013	-0.78 0.0003 0.0006	-0.0006 0.0009 0.0009	0.6185 2.3964 2.3964	1.2388 3.4501 0.0050	-0.0014 0.0011 0.0011	-0.0024 0.0025 0.0025	1.3968 1.1597 1.1597	2.4357 2.4993 2.4993	
244	5	6 7 8	1.000 -0.0024 0.0006	-0.28 0.0003 0.0002	-0.0005 0.0010 0.0010	0.9559 1.6467 1.6467	1.1176 8.8789 0.0016	-0.0006 0.0000 0.0000	-0.0008 0.0013 0.0013	1.9578 0.2248 0.2248	3.4225 3.9543 3.9543	
244	6	6 7 8	1.000 -0.0020 0.0010	0.25 0.0003 0.0000	-0.0004 0.0012 0.0012	0.7961 0.3834 0.3834	0.9605 5.8941 0.0020	-0.0006 0.0000 0.0000	0.0000 0.0001 0.0001	0.2133 1.6587 1.6587	0.9051 -0.9340 -0.9340	
244	7	6 7 8	1.001 -0.0023 0.0016	0.73 0.0003 0.0000	-0.0005 0.0016 0.0016	0.6959 0.2008 0.2008	1.1176 4.9960 0.0036	-0.0006 0.0010 0.0010	-0.0015 0.0006 0.0006	0.6563 1.4919 1.4919	1.5953 0.8859 0.8859	
244	8	6 7 8	0.999 -0.0024 0.0020	1.74 0.0003 0.0000	-0.0008 0.0017 0.0017	0.7120 0.1366 0.1366	1.6738 4.2950 0.0130	-0.0023 0.0027 0.0027	0.0042 -0.0031 -0.0031	0.8923 1.3456 1.3456	1.6202 1.5728 1.5728	
244	9	6 7 8	1.001 -0.0031 0.0039	3.76 0.0001 0.0001	-0.0014 0.0021 0.0021	0.3372 0.1886 0.1886	1.4110 2.7444 0.0278	-0.0048 0.0049 0.0049	0.0000 -0.0099 -0.0099	0.8696 0.9444 0.9444	1.8068 1.9188 1.9188	
245	4	6 7 8	1.000 -0.0006 0.0010	-4.25 0.0014 0.0002	-0.0015 0.0035 0.0035	0.5884 0.1361 0.1361	10.9087 1.6411 0.1133	-0.0003 -0.0014 -0.0014	-0.0413 0.0426 0.0426	0.0137 -0.0675 -0.0675	1.8234 1.9310 1.9310	
245	5	6 7 8	1.002 -0.0019 0.0013	-2.11 0.0014 0.0004	-0.0019 0.0039 0.0039	0.762 0.1804 0.1804	4.9446 1.4496 0.0515	-0.0008 -0.0009 -0.0009	-0.0201 0.0206 0.0206	0.0763 -0.3966 -0.3966	1.8576 2.0067 2.0067	
245	6	6 7 8	1.000 -0.0014 0.0014	-1.53 0.0015 0.0003	-0.0020 0.0042 0.0042	0.00 0.1307 0.1307	7.0853 1.5036 0.0364	-0.0000 -0.0008 -0.0008	-0.0134 0.0144 0.0144	0.0117 -0.1221 -0.1221	1.8429 2.0018 2.0018	
245	7	6 7 8	1.001 -0.0022 0.0014	-0.69 0.0014 0.0002	-0.0021 0.0043 0.0043	0.00 0.2258 0.2258	4.8493 1.5397 0.0179	-0.0003 -0.0013 -0.0013	-0.0074 0.0080 0.0080	0.0011 -0.3667 -0.3667	1.8249 2.2294 2.2294	

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key															
245	8	6 7 8	-0.10027 -0.00130 0.00001	-0.0020 0.0040 0.00001	-0.0013 0.00001 0.00001	-2.4622 0.0566 0.00001	3.7355 1.5655 0.0071	-0.0089 0.0071 0.00013	-0.0001 -0.00013 0.00013	-0.0030 0.0036 0.00000	0.1100 -0.0739 0.00000	1.6070 2.7116 0.00000						
245	9	6 7 8	-0.10000 -0.00021 0.00137	-0.0018 0.0042 0.00003	-0.0013 0.00003 0.00003	-3.1735 0.1346 0.00003	4.5054 1.5376 0.0037	-0.0116 0.0037 0.00015	-0.0002 -0.0015 0.00015	-0.0038 0.0049 0.00000	0.1167 -0.0746 0.00000	1.6666 2.5415 0.00000						
245	10	6 7 8	-0.10000 -0.00024 0.00135	-0.0020 0.0043 0.00002	-0.0013 0.00002 0.00002	-2.7633 0.0935 0.00002	4.2064 1.6102 0.0036	-0.0014 -0.0036 0.00012	-0.0006 -0.0012 0.00012	0.0013 0.0000 0.00000	-2.0881 1.7089 0.00000	4.7390 -0.0183 0.00000						
245	11	6 7 8	-0.10002 -0.00014 0.00124	-0.0017 0.0039 0.00001	-0.0013 0.00001 0.00001	-4.4699 0.0626 0.00001	5.9086 1.5879 0.0162	-0.0140 -0.0162 0.00011	-0.0004 -0.0011 0.00011	0.0057 -0.0048 0.00000	-0.1612 0.3528 0.00000	2.9313 1.5028 0.00000						
245	12	6 7 8	-0.10001 -0.00044 0.00151	-0.0027 0.0046 0.00004	-0.0012 0.00004 0.00004	-1.3687 0.1533 0.00004	3.0368 1.3297 0.0413	-0.0410 -0.0413 0.00007	-0.0006 -0.0007 0.00007	0.0161 -0.0144 0.00000	-0.0786 0.0915 0.00000	1.9640 1.7503 0.00000						
245	13	6 7 8	-0.10003 -0.00039 0.00122	-0.0016 0.0039 0.00003	-0.0014 0.00003 0.00003	-7.2772 0.1592 0.00003	8.1836 1.6194 0.0898	-0.0898 -0.0890 0.00011	-0.0001 -0.0011 0.00011	0.0340 -0.0323 0.00000	0.0058 0.0652 0.00000	1.8976 1.8137 0.00000						
245	14	6 7 8	-0.10001 -0.00023 0.00139	-0.0023 0.0043 0.00004	-0.0015 0.00004 0.00004	-3.2331 0.1726 0.00004	4.8823 1.5665 0.0091	-0.0122 0.0091 0.00013	-0.0002 -0.0013 0.00013	-0.0043 0.0048 0.00000	-0.1067 0.7141 0.00000	1.7553 2.6233 0.00000						
246	1	6 7 8	-0.09011 0.00012 0.00080	-0.0009 0.0030 0.00012	-0.0007 0.00012 0.00012	2.9995 0.7995 0.00012	-3.8032 1.8933 0.0938	-0.0924 0.0938 0.00060	-0.0059 0.0060 0.00060	-0.0347 0.0357 0.00000	0.3231 0.3235 0.00000	1.8778 1.9022 0.00000						
246	2	6 7 8	-0.09001 -0.00001 0.00082	-0.0010 0.0030 0.00014	-0.0003 0.00014 0.00014	-15.9345 0.8562 0.00014	48.8395 1.8447 0.0444	-0.0444 0.0454 0.00047	-0.0040 0.0047 0.00047	-0.0171 0.0173 0.00000	0.4575 0.5212 0.00000	1.9316 1.9043 0.00000						
246	3	6 7 8	-0.09002 0.00007 0.00077	-0.0009 0.0029 0.00013	-0.0003 0.00013 0.00013	2.9923 0.8386 0.00013	-5.8193 1.8775 0.0231	-0.0231 0.0226 0.00027	-0.0028 0.0027 0.00027	-0.0094 0.0093 0.00000	0.6215 0.6109 0.00000	2.0469 2.0608 0.00000						
246	4	6 7 8	-0.09001 0.00002 0.00085	-0.0012 0.0029 0.00015	-0.0003 0.00015 0.00015	7.6045 0.9108 0.00015	-27.4396 1.7067 0.0138	-0.0114 0.0138 0.00021	-0.0012 0.0021 0.00021	-0.0057 0.0057 0.00000	0.5435 0.7702 0.00000	2.5254 2.0759 0.00000						

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
245	5	9	0.903	-0.0041	-0.0010	-3.4876	16.7595	-0.0058	-0.0008	-0.0026	0.6974	2.2580					
		8	-0.0082	0.0015	0.0027	0.9525	1.6840	0.0045	0.0008	0.0024	0.9095	2.6508					
246	6	9	0.902	-0.0010	-0.0010	0.0770	3.7598	0.0020	0.0003	0.0003	0.9031	0.7757					
		8	-0.0082	0.0015	0.0030	0.9510	1.8757	-0.0032	-0.0004	-0.0005	0.7358	0.9057					
246	7	9	0.900	0.0059	-0.0012	0.0069	5.0114	0.0085	0.0013	0.0031	0.7758	1.8401					
		8	-0.0012	0.0014	0.0027	0.9882	1.8953	-0.0083	-0.0011	-0.0031	0.7033	1.9040					
246	8	9	0.901	-0.0014	-0.0010	0.0770	3.7598	0.0280	0.0029	0.0106	0.5317	1.8910					
		8	-0.0076	0.0014	0.0027	0.9408	1.8083	-0.0246	-0.0033	-0.0094	0.6834	1.9206					
246	9	9	0.900	-0.0027	-0.0016	0.2942	3.1231	0.0750	0.0052	0.0277	0.3518	1.8529					
		8	-0.0070	0.0010	0.0030	0.7491	2.1993	-0.0681	-0.0056	-0.0255	0.4168	1.8753					
246	10	9	0.901	-0.0041	-0.0013	-0.3815	5.6021	-0.0043	-0.0003	-0.0028	0.3668	3.2515					
		8	-0.0087	0.0016	0.0032	0.9606	1.8446	0.0056	0.0010	0.0027	0.9471	2.3941					
247	1	9	0.902	-0.0031	-0.0016	-0.1643	2.5463	-0.0165	-0.0034	-0.0088	1.0437	2.6841					
		8	-0.0064	0.0014	0.0031	1.0962	2.4584	0.0219	0.0042	0.0088	0.9673	2.0182					
247	2	9	0.902	-0.0038	-0.0005	-0.0900	3.8056	-0.0081	-0.0022	-0.0044	1.4088	2.7086					
		8	-0.0011	0.0012	0.0012	2.0155	1.9771	0.0087	0.0023	0.0041	1.3610	2.3481					
247	3	9	0.902	-0.0036	-0.0005	-0.0900	3.6074	-0.0048	-0.0017	-0.0027	1.7770	2.8427					
		8	-0.0008	0.0009	0.0007	2.5165	1.9113	0.0050	0.0018	0.0020	1.7948	2.0285					
247	4	9	0.902	-0.0047	-0.0007	-0.0852	3.1901	-0.0029	-0.0012	-0.0021	2.0502	3.5530					
		8	-0.0011	0.0011	0.0007	2.5662	1.7270	0.0044	0.0014	0.0017	1.6252	1.9747					
247	5	9	0.902	-0.0040	-0.0007	-0.0900	1.4371	-0.0011	-0.0007	-0.0009	3.0996	3.7796					
		8	-0.0025	0.0012	0.0011	0.2365	1.7762	0.0031	0.0010	0.0011	1.7161	1.8462					
247			0.9033	-0.0012	-0.0011	1.8055											

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
247	6	6 7 2	0.902 -0.0015 0.0029	0.009 -0.0007 0.0007	-0.0006 0.0010	-0.4107 1.2370	1.8934 1.8129	0.0024 0.0005	0.0002 0.0001	0.0000 0.0002	0.4511 1.0867	0.9849 2.7359
247	7	6 7 2	0.902 -0.0015 0.0036	0.60 -0.0001 0.0009	-0.0004 0.0012	-0.3954 1.3185	1.4233 1.6456	0.0048 -0.0018	0.0008 -0.0004	0.0007 0.0000	0.8576 1.3285	0.7925 -0.0183
247	8	6 7 2	0.902 -0.0019 0.0049	1.63 -0.0001 0.0006	-0.0007 0.0017	-0.3407 0.6959	1.9444 1.8358	0.0082 -0.0040	0.0016 -0.0011	0.0021 -0.0016	1.0122 1.4842	1.2916 1.9969
247	9	6 7 6	0.902 -0.0042 0.0069	3.53 -0.0005 0.0008	-0.0014 0.0025	-0.6002 0.6463	1.7553 1.8257	0.0180 -0.0097	0.0029 -0.0021	0.0062 -0.0052	0.8052 1.1253	1.7166 2.6960
248	1	6 7 6	0.902 -0.0002 -0.0026	4.55 0.0002 0.0009	-0.0003 -0.0006	-0.00 -4.5088 -1.7538	5.4785 1.1509	-0.0131 0.0102	-0.0015 0.0030	-0.0083 0.0049	0.6009 1.4809	3.1597 2.3997
248	2	6 7 2	0.902 0.0026 -0.0058	-2.37 0.0001 0.0008	0.0010 -0.0019	0.2527 -0.7285	2.0078 1.6751	-0.0038 -0.0009	-0.0013 0.0017	-0.0027 0.0007	1.7410 -9.5115	3.5541 -3.9971
248	3	6 7 2	0.902 0.0009 -0.0034	1.44 0.0003 0.0008	0.0001 -0.0012	-0.00 1.9481 -1.1727	0.7686 1.7305	-0.0020 -0.0020	-0.0008 0.0008	-0.0018 0.0004	2.0988 -2.2028	4.4570 -1.1142
248	4	6 7 2	0.902 0.0011 -0.0025	0.96 0.0004 0.0009	-0.0001 -0.0008	-0.00 2.1191 -1.7858	-0.6678 1.7369	-0.0000 0.0004	-0.0004 0.0011	-0.0011 0.0004	25.7972 12.1723	61.6744 4.7797
248	5	6 7 2	0.903 0.0006 -0.0013	0.42 0.0003 0.0019	0.0001 -0.0007	3.0210 -3.8163	1.1953 2.7521	0.0015 -0.0002	0.0001 0.0011	-0.0009 0.0000	0.3371 -27.9656	-2.8372 -0.0182
248	6	6 7 2	0.902 -0.0000 0.0007	0.09 0.0003 0.0008	-0.0001 0.0004	-32.0050 5.9400	12.6684 3.0335	0.0011 -0.0007	-0.0001 0.0003	-0.0002 0.0000	-0.6220 -2.5370	-1.3067 -0.0183
248	7	6 7 6	0.901 0.0014 0.0028	0.53 0.0002 0.0011	0.0002 0.0010	-0.00 0.8637 1.9400	1.0315 1.6509	0.0017 0.0026	-0.0007 0.0007	0.0007 0.0007	-0.0733 1.4057	0.0052 1.4204

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
248	8	6	0.901 0.0022 0.0038	1.61 0.0010 0.0010	0.0002 0.0014 0.0001	-0.0001 1.4096 -0.0001	0.6501 1.9559 0.5604	0.0043 0.0002 -0.0017	0.0009 0.0001 -0.0019	0.0006 -0.0005 0.0035	1.1044 2.8804 0.9601	0.7016 -12.2410 1.7369
248	10	6	0.902 0.0012 0.0060	3.57 -0.0014 0.0014	0.0001 0.0019 0.0001	-0.0001 1.1658 -1.0359	0.5604 1.5868 0.7259	0.0103 -0.0017 -0.0226	0.0019 -0.0006 0.0032	0.0035 -0.0024 -0.0066	0.9601 0.9218 0.4503	1.7369 1.7044 2.2978
249	1	6	0.701 -0.0014 -0.0026	-4.51 0.0000 0.0011	-0.0002 -0.0008 0.0011	0.0000 -0.0349 -2.1920	0.7259 1.6754 -0.0076	0.0144 0.0032 0.0046	0.0020 0.0032 0.0019	0.0120 0.0066 -0.0041	0.4503 1.1309 1.4928	2.6515 2.2978 2.7392
249	2	6	0.702 -0.0002 -0.0002	-2.52 -0.0016 0.0016	0.0006 -0.0004 -0.0001	0.9396 -35.7259 -12.0648	0.9396 9.4259 -12.0648	-0.0022 0.0019 0.0046	-0.0022 0.0019 0.0019	-0.0041 0.0027 -0.0024	1.4928 2.0663 1.5293	2.7392 2.9708 4.2339
249	3	6	0.701 0.0003 -0.0006	-1.57 0.0005 0.0016	-0.0002 -0.0008 -0.0001	-0.0000 12.0704 -0.0000	-2.7107 6.2665 0.0116	-0.0019 0.0017 -0.0006	-0.0008 0.0017 0.0005	-0.0024 0.0010 -0.0017	1.5293 4.6130 3.1140	4.2339 2.7364 4.3428
249	4	6	0.702 0.0004 0.0002	-1.03 0.0005 0.0010	0.0000 0.0002 0.0000	-0.0000 6.274 18.4799	0.0116 3.5776 0.6399	-0.0020 -0.0006 0.0004	-0.0012 0.0005 -0.0003	-0.0017 0.0008 -0.0002	3.1140 -4.2014 -4.4866	4.3428 -6.7133 -10.5476
249	5	6	0.702 -0.0016 -0.0000	-0.53 0.0001 0.0008	-0.0002 0.0004 -0.0001	-0.0000 -0.5949 -0.0000	0.6399 0.6399 -0.0206	-0.0016 0.0001 0.0017	-0.0003 0.0001 0.0000	-0.0002 0.0001 -0.0006	-4.4866 -0.5542 0.4488	-0.6437 -0.0183 -1.8270
249	6	6	0.702 -0.0016 -0.0001	-0.07 0.0005 0.0005	0.0000 0.0008 0.0005	-0.0000 -0.6233 -17.5683	-0.0206 -28.3271 -0.0000	0.0017 0.0019 -0.0003	0.0001 0.0000 0.0004	-0.0006 0.0000 0.0002	0.4488 -0.0304 0.7573	-1.8270 -0.0183 0.0047
249	7	6	0.703 -0.0012 0.0028	0.45 -0.0001 0.0008	0.0002 0.0010 0.0001	-0.0000 1.4923 0.0000	-0.8839 1.8543 -5.5468	0.0032 -0.0003 0.0059	-0.0005 0.0005 -0.0039	0.0000 0.0002 0.0012	0.7573 6.7161 1.0099	0.0047 -2.6168 0.9212
249	8	6	0.702 -0.0003 0.0034	1.48 -0.0005 0.0002	0.0004 0.0017 0.0001	0.0000 6.7741 0.4342	-5.5468 -2.5056 0.0000	-0.0039 -0.0008 0.0059	-0.0008 -0.0010 0.0012	0.0010 -0.0010 -0.0006	1.0099 1.1006 0.9212	0.9212 1.3456 1.7455
249	9	6	0.702 0.0024 0.0045	3.48 -0.0008 0.0001	0.0014 0.0019 0.0001	-0.0000 -1.8312 0.1103	3.0830 2.1065 0.0168	-0.0072 -0.0020 0.0024	-0.0020 -0.0033 0.0058	-0.0033 -0.0006 0.0002	0.7402 1.3994 0.9212	1.7455 2.3042 2.7392

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
250	1	6 7 8	0.702 -0.0059 0.0085	-4.54 -0.0008 0.0005	-0.0008 0.0037 0.0000	0.9440 0.3478 0.0000	0.7240 2.1954 0.0367	-0.0043 0.0050 0.0000	-0.0138 0.0142 0.0000	0.7134 0.6845 0.0000	2.2624 1.9363 0.0000						
250	2	6 7 8	0.701 -0.0035 0.0039	-2.52 -0.0003 0.0008	-0.0004 0.0015 0.0000	0.4816 1.0992 0.0000	0.6020 1.9537 0.0195	-0.0023 0.0032 0.0000	-0.0073 0.0075 0.0000	0.8007 0.8281 0.0000	2.4826 1.9204 0.0000						
250	3	6 7 8	0.701 -0.0041 0.0042	-1.50 -0.0006 0.0010	-0.0002 0.0013 0.0000	0.8415 1.2380 0.0000	0.2503 1.5486 0.0121	-0.0009 0.0018 0.0000	-0.0053 0.0047 0.0000	0.7105 0.7624 0.0000	3.8085 1.9417 0.0000						
250	4	6 7 8	0.702 -0.0025 0.0037	-1.08 -0.0003 0.0010	-0.0002 0.0015 0.0000	0.6754 1.4094 0.0000	0.4127 2.0564 0.0029	-0.0003 0.0015 0.0000	-0.0035 0.0034 0.0000	0.5434 0.8415 0.0000	6.1139 1.8869 0.0000						
250	5	6 7 8	0.702 -0.0054 0.0042	-0.52 -0.0008 0.0010	-0.0004 0.0015 0.0000	0.8050 1.2370 0.0000	0.3895 1.8129 0.0049	0.0003 0.0008 0.0000	-0.0017 0.0017 0.0000	2.6743 0.8637 0.0000	12.7926 1.7331 0.0000						
250	6	6 7 8	0.702 -0.0044 0.0023	-0.05 -0.0008 0.0005	-0.0006 0.0010 0.0000	1.0013 1.0970 0.0000	0.7234 2.3376 0.0014	0.0010 -0.0000 0.0000	0.0004 0.0002 0.0000	0.8242 -0.0473 0.0000	0.3587 0.7120 0.0000						
250	7	6 7 8	0.702 -0.0044 0.0024	-0.45 -0.0003 0.0003	-0.0002 0.0015 0.0000	0.9888 0.6313 0.0000	0.2329 3.0551 -0.0005	0.0003 -0.0003 0.0000	-0.0015 -0.0002 0.0000	0.4083 3.0448 0.0000	1.3433 1.8083 0.0000						
250	8	6 7 8	0.701 -0.0041 0.0031	-1.46 -0.0007 0.0001	-0.0006 0.0017 0.0000	0.8558 0.1886 0.0000	0.7761 2.7444 -0.0078	0.0013 -0.0017 0.0000	0.0044 -0.0029 0.0000	0.5651 1.0942 0.0000	1.9065 1.9036 0.0000						
250	9	6 7 8	0.701 -0.0067 0.0051	-3.47 -0.0010 0.0000	-0.0012 0.0023 0.0000	0.7961 0.0870 0.0000	0.9605 2.3386 -0.0243	0.0045 -0.0038 0.0000	0.0105 -0.0100 0.0000	0.7375 0.7858 0.0000	1.7183 2.0587 0.0000						
251	1	6 7 8	0.702 -0.0021 0.0114	-4.49 0.0001 0.0009	-0.0010 0.0041 0.0003	0.3914 0.4003 0.0000	2.4780 1.7999 -0.0815	-0.0025 0.0029 0.0000	-0.0328 0.0335 0.0000	0.1539 0.1678 0.0000	2.0131 1.9179 0.0000						
251	2	6 7 8	0.702 -0.0015 0.0122	-2.47 0.0005 0.0010	-0.0012 0.0041 0.0000	0.6378 0.4465 0.0000	4.0706 1.6829 -0.0411	-0.0011 0.0020 0.0000	-0.0178 0.0171 0.0000	0.1391 0.2351 0.0000	2.1613 1.9322 0.0000						

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
251	3	6 7 8	0.702 -0.0049 0.0137	-1.54 -0.0000 0.0010	-0.0017 0.0043	0.0027 0.3923	1.7480 1.5816	-0.0246 0.0254	-0.0006 0.0008	-0.0112 0.0101	0.1390 0.1765	2.2702 1.9975
251	4	6 7 8	0.702 -0.0026 0.0122	-1.08 0.0001 0.0010	-0.0010 0.0039	0.00 -0.3317 0.4479	2.0246 1.5927	-0.0161 0.0182	-0.0002 0.0004	-0.0076 0.0078	0.0856 0.1228	2.3819 2.1525
251	5	6 7 8	0.702 -0.0034 0.0112	-0.54 0.0000 0.0011	-0.0010 0.0034	0.00 -0.0041 0.4938	1.5620 1.5364	-0.0067 0.0089	0.0003 -0.0003	-0.0046 0.0042	-0.2261 -0.1839	3.3941 2.3702
251	6	6 7 8	0.702 -0.0041 0.0132	-0.03 0.0001 0.0010	-0.0012 0.0041	0.00 -0.2265 0.4099	1.5641 1.5572	0.0018 -0.0026	0.0005 -0.0007	-0.0004 0.0002	1.3925 1.3317	-1.1503 -0.4125
251	7	6 7 8	0.702 -0.0034 0.0098	0.47 0.0000 0.0005	-0.0010 0.0034	0.00 -0.0041 0.2911	1.5620 1.7534	0.0139 -0.0119	0.0012 -0.0009	0.0035 -0.0042	0.4529 0.3819	1.2569 1.7652
251	8	6 7 8	0.701 -0.0034 0.0111	1.50 0.0000 0.0007	-0.0008 0.0039	0.00 -0.0156 0.3314	1.2503 1.7492	0.0333 -0.0295	0.0022 -0.0024	0.0109 -0.0099	0.3384 0.4212	1.6447 1.6814
251	9	6 7 8	0.702 -0.0037 0.0098	3.58 -0.0001 0.0005	-0.0008 0.0034	0.00 0.2266 0.2911	1.1499 1.7534	0.0691 -0.0696	0.0037 -0.0042	0.0249 -0.0253	0.2691 0.3027	1.8048 1.8187
251	10	6 7 8	0.701 -0.0046 0.0125	-0.56 -0.0001 0.0012	-0.0010 0.0034	0.00 0.1750 0.5117	1.1382 1.3790	-0.0047 0.0071	0.0006 -0.0004	-0.0039 0.0038	-0.6752 -0.3422	4.1507 2.6598
253	3	6 7 8	0.700 -0.0056 -0.0090	-4.56 -0.0016 0.0010	-0.0006 -0.0008	-0.00 1.4290 -0.5592	0.5687 0.4931	-0.0286 0.0272	0.0004 0.0005	-0.0106 0.0092	-0.0842 0.1016	1.8662 1.6927
253	4	6 7 8	0.701 -0.0027 -0.0057	-2.57 -0.0010 0.0004	0.0004 -0.0012	0.00 1.9240 -0.3782	-0.8074 1.1297	-0.0097 -0.0018	-0.0005 0.0003	-0.0037 -0.0006	0.2929 -1.0605	1.9052 1.7138
253	5	6 7 8	0.700 -0.0017 -0.0104	-1.62 -0.0010 0.0004	0.0008 -0.0025	-0.00 3.0013 -0.2349	-2.4959 1.2231	-0.0027 -0.0045	-0.0004 0.0007	-0.0010 -0.0018	0.9063 -0.8662	1.9601 2.0464

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
253	6	6 7 8	0.708 -0.0028 -0.0090	-1.03 -0.0014 0.0006	0.0004 -0.0022 -0.0004	-0.4898 -0.3724 -0.0000	-0.7737 1.2220 -0.0057	0.0003 0.0004 -0.0003	0.0000 -0.0025 -0.0004	0.6515 -0.4062 0.0048	0.0000 -0.0025 -0.0004	0.0000 -0.0025 -0.0004	0.0000 -0.0025 -0.0004	0.0000 -0.0025 -0.0004	0.0000 -0.0025 -0.0004	0.0000 -0.0025 -0.0004	0.0000 -0.0025 -0.0004
253	7	6 7 8	0.701 -0.0035 -0.0073	-0.55 -0.0015 0.0006	0.0006 -0.0019 -0.0004	-0.4892 -0.4368 -0.0000	-0.9127 1.3190 -0.0053	0.0001 -0.0002 -0.0003	0.0004 -0.0023 -0.0004	0.4529 0.2514 1.2569	0.0004 -0.0023 -0.0004	0.0004 -0.0023 -0.0004	0.0004 -0.0023 -0.0004	0.0004 -0.0023 -0.0004	0.0004 -0.0023 -0.0004	0.0004 -0.0023 -0.0004	0.0004 -0.0023 -0.0004
253	8	6 7 8	0.701 0.0003 -0.0030	-0.04 -0.0012 0.0005	0.0012 -0.0000 -0.0000	-0.0000 -0.0000 -0.0000	0.0012 0.0023 0.0003	0.0001 -0.0003 -0.0003	0.0000 -0.0000 -0.0000	0.6515 -0.7970 0.0048	0.0000 -0.0000 -0.0000	0.0000 -0.0000 -0.0000	0.0000 -0.0000 -0.0000	0.0000 -0.0000 -0.0000	0.0000 -0.0000 -0.0000	0.0000 -0.0000 -0.0000	0.0000 -0.0000 -0.0000
253	9	6 7 8	0.701 0.0022 -0.0024	0.38 -0.0016 0.0003	0.0021 0.0004 -0.0004	-0.0000 -0.0000 -0.0000	0.0006 -0.0006 0.0003	0.0001 -0.0001 -0.0001	0.0006 -0.0006 -0.0006	1.5327 -1.3844 5.1198	0.0006 -0.0006 -0.0006	0.0006 -0.0006 -0.0006	0.0006 -0.0006 -0.0006	0.0006 -0.0006 -0.0006	0.0006 -0.0006 -0.0006	0.0006 -0.0006 -0.0006	0.0006 -0.0006 -0.0006
253	10	6 7 8	0.701 0.0049 0.0003	1.48 -0.0019 0.0005	0.0027 0.0008 -0.0008	-0.0000 -0.0000 -0.0000	0.0029 0.0043 -0.0009	0.0003 -0.0003 -0.0003	0.0012 0.0010 -0.0010	2.2003 1.1953 1.7318	0.0012 0.0010 -0.0010	0.0012 0.0010 -0.0010	0.0012 0.0010 -0.0010	0.0012 0.0010 -0.0010	0.0012 0.0010 -0.0010	0.0012 0.0010 -0.0010	0.0012 0.0010 -0.0010
253	11	6 7 8	0.700 -0.0001 0.0034	5.33 -0.0021 0.0002	0.0015 0.0019 0.0019	-0.0000 -0.0000 -0.0000	0.0149 -0.0046 -0.0004	0.0001 -0.0004 -0.0004	0.0052 -0.0029 -0.0029	3.1665 1.7318 1.7318	0.0052 -0.0029 -0.0029	0.0052 -0.0029 -0.0029	0.0052 -0.0029 -0.0029	0.0052 -0.0029 -0.0029	0.0052 -0.0029 -0.0029	0.0052 -0.0029 -0.0029	0.0052 -0.0029 -0.0029
254	1	6 7 8	0.902 -0.0048 -0.0073	-4.37 -0.0014 0.0016	-0.0007 -0.0009 -0.0009	-0.0000 -0.0000 -0.0000	0.0137 -0.0130 0.0130	0.0006 0.0007 0.0007	-0.0067 0.0044 0.0044	2.4696 1.6878 1.6878	-0.0067 0.0044 0.0044	-0.0067 0.0044 0.0044	-0.0067 0.0044 0.0044	-0.0067 0.0044 0.0044	-0.0067 0.0044 0.0044	-0.0067 0.0044 0.0044	-0.0067 0.0044 0.0044
254	2	6 7 8	0.901 -0.0014 -0.0067	-2.41 -0.0008 -0.0006	0.0004 -0.0018 -0.0006	0.0000 -0.0000 -0.0000	0.0001 -0.0001 -0.0001	0.0001 -0.0001 -0.0001	-0.0010 -0.0022 -0.0022	3.5192 -29.5068 1.4460	-0.0010 -0.0022 -0.0022	-0.0010 -0.0022 -0.0022	-0.0010 -0.0022 -0.0022	-0.0010 -0.0022 -0.0022	-0.0010 -0.0022 -0.0022	-0.0010 -0.0022 -0.0022	-0.0010 -0.0022 -0.0022
254	3	6 7 8	0.902 -0.0000 -0.0010	-1.42 -0.0006 0.0007	0.0005 -0.0005 -0.0005	-0.0000 -0.0000 -0.0000	0.0014 -0.0102 -0.0102	0.0003 -0.0003 -0.0003	-0.0010 -0.0033 -0.0033	3.6542 -1.6539 -1.6539	-0.0010 -0.0033 -0.0033	-0.0010 -0.0033 -0.0033	-0.0010 -0.0033 -0.0033	-0.0010 -0.0033 -0.0033	-0.0010 -0.0033 -0.0033	-0.0010 -0.0033 -0.0033	-0.0010 -0.0033 -0.0033
254	4	6 7 8	0.901 -0.0001 -0.0079	-0.87 -0.0005 0.0011	0.0004 -0.0024 -0.0024	-0.0000 -0.0000 -0.0000	0.0012 -0.0101 -0.0101	0.0005 -0.0002 -0.0002	0.0000 -0.0031 -0.0031	2.2214 -0.1332 1.5451	0.0000 -0.0031 -0.0031	0.0000 -0.0031 -0.0031	0.0000 -0.0031 -0.0031	0.0000 -0.0031 -0.0031	0.0000 -0.0031 -0.0031	0.0000 -0.0031 -0.0031	0.0000 -0.0031 -0.0031
254	5	6 7 8	0.901 0.0019 -0.0071	-0.42 0.0001 0.0007	0.0005 -0.0019 -0.0019	-0.0000 -0.0000 -0.0000	0.0019 -0.0092 -0.0092	0.0002 -0.0001 -0.0001	0.0000 -0.0026 -0.0026	0.7312 -0.0705 1.4280	0.0000 -0.0026 -0.0026	0.0000 -0.0026 -0.0026	0.0000 -0.0026 -0.0026	0.0000 -0.0026 -0.0026	0.0000 -0.0026 -0.0026	0.0000 -0.0026 -0.0026	0.0000 -0.0026 -0.0026

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
254	6	6	0.902 0.0019 -0.0030	0.06 -0.0002 0.0006	0.0007 -0.0004 -0.0004	-0.000 -0.0004 -0.0004	1.8889 0.7428 0.7428	-0.0007 -0.0000 -0.0000	-0.0004 -0.0002 -0.0002	-0.0006 0.0001 16.7085	3.0996 3.7796 -9.6504	
254	7	6	0.901 0.0068 -0.0015	0.55 -0.0007 0.0007	0.0022 0.0003 0.0003	-0.000 -2.5027 -0.000	1.6553 -0.9611 -0.9611	-0.0022 0.0062 -0.0000	-0.0000 -0.0000 -0.0000	-0.0017 0.0022 -0.0701	0.2052 3.8811 1.8065	
254	8	6	0.902 0.0047 0.0004	1.61 -0.0006 0.0011	0.0019 0.0010 0.0010	-0.000 13.2879 13.2879	2.0349 12.4050 12.4050	-0.0038 0.0064 -0.0003	-0.0004 -0.0003 -0.0003	-0.0015 0.0017 -0.02589	0.5894 2.9014 1.3768	
254	9	6	0.901 -0.0006 -0.0058	3.58 -0.0009 0.0016	0.0002 0.0020 0.0020	-0.000 7.8820 1.4383	-2.3696 -1.7898 -1.7898	0.0040 0.0007 -0.0003	-0.0000 -0.0003 -0.0003	0.0010 -0.0005 -0.0005	-0.0768 -3.7411 -3.7411	
255	1	6	1.000 0.0028 -0.0063	-0.31 0.0003 0.0012	0.0009 -0.0019 -0.0019	-0.000 0.6318 -1.0192	1.7307 1.5701 1.5701	0.0031 -0.0084 -0.0084	-0.0002 0.0005 0.0005	-0.0002 -0.0021 -0.0021	-0.4583 -0.4528 -0.4528	
256	1	6	1.001 -0.0020 -0.0008	-4.24 0.0001 0.0019	-0.0009 0.0006 -0.0006	-0.000 -0.2632 -11.9645	2.3846 -4.3544 -4.3544	-0.0043 0.0073 0.0073	-0.0019 0.0024 0.0024	-0.0045 0.0037 0.0037	2.2421 1.6958 1.6958	
256	2	6	1.002 0.0008 -0.0107	-2.33 0.0003 0.0017	-0.0000 -0.0032 -0.0032	-0.000 1.9361 -0.7890	-0.0163 1.5050 1.5050	-0.0018 -0.0085 -0.0085	-0.0017 0.0015 0.0015	-0.0021 -0.0016 -0.0016	4.7119 5.6959 0.653	
256	3	6	1.002 0.0004 -0.0064	-1.29 0.0004 0.0016	-0.0001 -0.0025 -0.0025	-0.000 5.1370 -0.9736	-1.5555 1.4823 1.4823	0.0005 -0.0085 -0.0085	-0.0010 0.0010 0.0010	-0.0015 -0.0017 -0.0017	-10.1588 -1.0216 -1.0216	
256	4	6	1.003 0.0006 -0.0073	-0.77 0.0005 0.0015	-0.0001 -0.0020 -0.0020	-0.000 4.5008 -1.0204	-1.0925 1.4109 1.4109	0.0020 -0.0078 -0.0078	-0.0004 0.0010 0.0010	-0.0013 -0.0020 -0.0020	-1.1853 -3.3261 -3.3261	
256	5	6	0.999 -0.0007 -0.0037	-0.25 0.0001 0.0015	-0.0002 -0.0006 -0.0006	-0.000 -0.7743 -2.0595	1.8233 0.9210 0.9210	0.0025 -0.0057 -0.0057	-0.0003 0.0008 0.0008	-0.0006 -0.0014 -0.0014	-0.7574 -1.2585 -1.2585	
256	6	6	1.002 -0.0007 0.0007	0.20 0.0001 0.0015	-0.0001 -0.0006 -0.0006	-0.000 -0.8160 11.0649	0.9132 4.6726 4.6726	0.0011 -0.0012 -0.0012	-0.0002 0.0005 0.0005	-0.0004 -2.3053 -2.3053	-1.7548 -0.5508 -0.5508	

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
256	7	7	1.002	0.0017	0.0016	0.0012	0.0005	0.0009	0.0009	0.0004	0.0002	0.0002	0.0009	0.0009	0.0012	-2.5322	12.6570
		8	0.0014	0.0016	0.0016	0.0016	0.0009	0.0009	0.0009	0.0027	0.0001	0.0001	0.0009	0.0009	0.0009	0.5362	1.6466
256	8	7	1.001	0.0064	-0.0001	1.69	0.0018	0.0015	-0.0009	0.0022	0.0009	0.0002	0.0009	0.0009	0.0015	2.1661	-1.1733
		8	0.0036	0.0016	0.0016	0.0016	0.0015	0.0015	0.0015	0.0059	-0.0002	-0.0002	0.0009	0.0009	0.0015	-0.2473	1.3061
256	9	7	1.001	0.0059	-0.0002	5.67	0.0022	0.0019	-0.0009	0.0060	0.0024	0.0024	0.0012	0.0012	0.0012	1.9684	0.9929
		8	0.0046	0.0017	0.0017	0.0017	0.0019	0.0019	0.0019	0.0078	-0.0011	-0.0011	0.0012	0.0012	0.0012	-0.7610	0.8229
257	1	7	1.003	0.0017	0.0021	-4.23	-0.0008	-0.0004	-0.0004	0.0089	-0.0035	-0.0035	-0.0052	-0.0052	-0.0034	1.9892	2.9391
		8	-0.0035	0.0021	0.0021	0.0021	-0.0004	-0.0004	-0.0004	0.0074	0.0039	0.0039	-0.0034	-0.0034	-0.0034	2.6426	2.3293
257	2	7	1.000	0.0010	0.0019	-2.33	-0.0005	-0.0004	-0.0004	-0.0016	-0.0022	-0.0022	-0.0022	-0.0022	-0.0003	6.6279	6.7063
		8	-0.0054	0.0019	0.0019	0.0019	-0.0004	-0.0004	-0.0004	-0.0056	0.0020	0.0020	-0.0003	-0.0003	-0.0003	-1.8076	0.4678
257	3	7	1.000	0.0018	0.0022	-1.33	-0.0008	-0.0004	-0.0004	-0.0001	-0.0016	-0.0016	-0.0015	-0.0015	-0.0000	69.2919	64.6718
		8	-0.0025	0.0022	0.0022	0.0022	-0.0004	-0.0004	-0.0004	-0.0019	0.0021	0.0021	-0.0000	-0.0000	-0.0000	-5.3750	-0.0182
257	4	7	1.000	0.0003	0.0003	-0.72	-0.0005	-0.0000	-0.0000	0.0006	-0.0009	-0.0009	-0.0008	-0.0008	-0.0001	-6.9693	-6.1409
		8	-0.0014	0.0003	0.0003	0.0003	-0.0000	-0.0000	-0.0000	-0.0012	0.0014	0.0014	-0.0001	-0.0001	-0.0001	-5.8028	-0.5797
257	5	7	1.002	0.0014	-0.0001	-0.26	-0.0004	-0.0004	-0.0004	0.0016	-0.0003	-0.0003	-0.0008	-0.0008	-0.0006	-1.1418	-2.5497
		8	-0.0008	0.0016	0.0016	0.0016	0.0004	-0.0004	-0.0004	-0.0031	0.0009	0.0009	-0.0006	-0.0006	-0.0006	-1.5164	1.0491
257	6	7	1.000	0.0010	0.0001	0.20	-0.0001	-0.0000	-0.0000	0.0018	-0.0000	-0.0000	-0.0004	-0.0004	-0.0000	-0.0691	-1.1068
		8	-0.0009	0.0009	0.0009	0.0009	-0.0000	-0.0000	-0.0000	-0.0014	0.0004	0.0004	-0.0000	-0.0000	-0.0000	-1.6281	-0.0183
257	7	7	1.000	0.0007	0.0001	0.73	-0.0001	-0.0001	-0.0001	0.0018	0.0003	0.0003	-0.0004	-0.0004	-0.0004	0.8930	-1.1354
		8	0.0026	0.0026	0.0020	0.0020	-0.0013	-0.0013	-0.0013	0.0020	-0.0002	-0.0002	0.0008	0.0008	0.0008	-0.6219	1.9146
257	8	7	1.001	0.0006	-0.0000	1.68	-0.0002	-0.0002	-0.0002	0.0026	0.0015	0.0015	-0.0006	-0.0006	-0.0006	2.9684	-1.2619
		8	-0.0050	0.0021	0.0021	0.0021	-0.0017	-0.0017	-0.0017	0.0018	-0.0005	-0.0005	-0.0000	-0.0000	-0.0000	-1.5619	-0.0062

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
257	9	6 7 8	1.001 0.0024 0.0066	-0.0001 0.0000 0.0002	3.66 -0.0000 0.0001	0.0005 0.0025 0.0025	-0.0005 -0.0203 -1.6350	1.9228 1.9228 1.9228	0.0075 0.0038 0.0038	0.0032 -0.0018 -0.0018	-0.0001 -0.0001 -0.0001	2.1514 -2.3918 -2.3918	-0.0025 -0.1797 -0.1797	1.0025 -0.1797 -0.1797			
258	1	6 7 8	1.000 -0.0045 0.0055	-0.0001 0.0001 0.0001	4.19 0.0001 0.0001	-0.0017 0.0022 0.0022	-0.0017 0.0022 0.0022	1.9819 1.9819 1.9819	-0.0246 0.0180 0.0180	-0.0060 0.0067 0.0067	-0.0106 0.0071 0.0071	1.2307 1.8594 1.8594	2.1573 1.9852 1.9852				
258	2	6 7 8	1.003 -0.0031 0.0041	-0.0001 0.0001 0.0001	2.22 -0.0000 0.0002	-0.0010 0.0017 0.0017	-0.0010 0.0017 0.0017	1.7480 2.1580 2.1580	-0.0069 0.0087 0.0087	-0.0038 0.0047 0.0047	-0.0040 0.0035 0.0035	2.0014 2.7092 2.7092	2.9187 2.0035 2.0035				
258	3	6 7 8	1.000 -0.0031 0.0027	-0.0001 0.0001 0.0002	1.32 -0.0002 0.0022	-0.0010 0.0013 0.0013	-0.0010 0.0013 0.0013	1.7101 2.4674 2.4674	-0.0019 0.0034 0.0034	-0.0025 0.0034 0.0034	-0.0022 0.0014 0.0014	6.6297 5.0255 5.0255	5.7001 2.1774 2.1774				
258	4	6 7 8	0.999 -0.0021 0.0026	-0.0001 0.0001 0.0002	0.72 -0.0000 0.0023	-0.0008 0.0013 0.0013	-0.0008 0.0013 0.0013	1.8716 2.5024 2.5024	0.0006 0.0026 0.0026	-0.0015 0.0023 0.0023	-0.0013 0.0012 0.0012	-1.2729 -4.4940 -4.4940	-10.2335 -10.2335 -10.2335				
258	5	6 7 8	1.002 -0.0028 0.0024	-0.0001 0.0001 0.0002	0.25 -0.0002 0.0022	-0.0008 0.0013 0.0013	-0.0008 0.0013 0.0013	1.4233 2.7835 2.7835	0.0022 0.0005 0.0005	-0.0007 0.0011 0.0011	-0.0005 0.0006 0.0006	-1.6100 -9.4968 -9.4968	-1.2115 -1.2115 -1.2115				
258	6	6 7 8	1.000 -0.0023 0.0028	-0.0001 0.0001 0.0002	0.17 -0.0001 0.0021	-0.0008 0.0016 0.0016	-0.0008 0.0016 0.0016	1.7225 2.8556 2.8556	0.0032 -0.0004 -0.0004	0.0000 0.0006 0.0006	-0.0002 0.0001 0.0001	-0.1062 -7.7865 -7.7865	-0.4166 -0.4166 -0.4166				
258	7	6 7 8	1.001 -0.0021 0.0044	-0.0001 0.0001 0.0004	0.79 -0.0000 0.0023	-0.0008 0.0020 0.0020	-0.0008 0.0020 0.0020	1.8716 2.2893 2.2893	0.0043 0.0003 0.0003	0.0011 -0.0003 -0.0003	-0.0000 -0.0000 -0.0000	-1.2653 -4.6253 -4.6253	0.0044 0.0044 0.0044				
258	8	6 7 8	0.998 -0.0022 0.0046	-0.0001 0.0001 0.0004	1.73 0.0001 0.0024	-0.0008 0.0020 0.0020	-0.0008 0.0020 0.0020	1.7743 2.1958 2.1958	0.0084 -0.0018 -0.0018	0.0030 -0.0019 -0.0019	0.0015 -0.0010 -0.0010	1.7092 5.0888 5.0888	0.9022 2.0410 2.0410				
258	9	6 7 8	0.998 -0.0047 0.0059	-0.0001 0.0001 0.0005	2.78 0.0001 0.0023	-0.0016 0.0024 0.0024	-0.0016 0.0024 0.0024	1.7043 2.0453 2.0453	0.0179 -0.0102 -0.0102	0.0048 -0.0037 -0.0037	0.0042 -0.0035 -0.0035	1.2479 1.8313 1.8313	1.1905 1.1905 1.1905				
258	10	6 7 8	1.001 -0.0062 0.0068	-0.0001 0.0001 0.0002	3.76 0.0001 0.0022	-0.0020 0.0028 0.0028	-0.0020 0.0028 0.0028	1.6086 2.0727 2.0727	0.0251 -0.0152 -0.0152	0.0058 -0.0045 -0.0045	0.0070 -0.0056 -0.0056	1.1659 1.4913 1.4913	1.3920 1.3920 1.3920				

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
258	11	6	0.999	5.63	-0.0028	-0.0681	1.7389	0.0421	0.0075	0.0130	0.8976	1.3468
		7	-0.0081	0.0001	0.0032	1.3419	1.8301	-0.0340	-0.0060	-0.0125	0.8957	1.8471
		8	0.0088	0.0023								
258	12	6	1.001	7.64	-0.0021	-0.1848	1.7676	0.0738	0.0070	0.0228	0.4771	1.5467
		7	-0.0060	0.0002	0.0035	1.1000	1.8108	-0.0640	-0.0058	-0.0226	0.4576	1.7700
		8	0.0096	0.0021								
258	13	6	0.996	9.68	-0.0024	0.0000	1.9484	0.1090	0.0007	0.0336	0.0339	1.3412
		7	-0.0062	0.0003	0.0039	0.9149	1.6999	-0.1055	0.0008	-0.0348	-0.0399	1.6508
		8	0.0115	0.0021								
258	14	6	1.001	11.67	-0.0009	-0.1735	4.5054	0.1227	-0.0031	0.0387	-0.1290	1.5768
		7	-0.0010	0.0006	0.0039	0.7894	1.5586	-0.1212	0.0044	-0.0396	-0.1840	1.6334
		8	0.0125	0.0019								
259	2	6	1.001	-4.24	-0.0015	-0.0000	1.8800	-0.0405	-0.0075	-0.0159	0.9290	1.9701
		7	-0.0040	0.0002	0.0037	0.2835	1.8953	0.0456	0.0091	0.0155	1.0005	1.7051
		8	0.0099	0.0019								
259	3	6	1.002	-2.24	-0.0013	-0.1628	2.0990	-0.0160	-0.0049	-0.0072	1.5502	2.2483
		7	-0.0033	0.0001	0.0019	2.6625	1.9648	0.0195	0.0061	0.0066	1.5855	1.7119
		8	0.0049	0.0026								
259	4	6	1.000	-1.21	-0.0011	-0.0000	1.8609	-0.0062	-0.0034	-0.0036	2.7685	2.9321
		7	-0.0029	0.0001	0.0019	2.8494	2.1000	0.0083	0.0038	0.0032	2.3328	1.9748
		8	0.0046	0.0026								
259	5	6	1.002	-0.82	-0.0012	-0.0000	1.7874	-0.0024	-0.0023	-0.0025	4.6881	5.0974
		7	-0.0034	0.0000	0.0020	2.6350	2.2893	0.0055	0.0029	0.0024	2.6877	2.2275
		8	0.0045	0.0024								
259	6	6	0.998	-0.27	-0.0011	-0.0000	1.5069	0.0014	-0.0010	-0.0008	-3.7927	-2.9400
		7	-0.0036	0.0001	0.0022	2.3322	2.0689	0.0018	0.0014	0.0013	-4.1459	-3.8127
		8	0.0054	0.0025								
259	7	6	1.002	0.22	-0.0009	-0.1674	1.4431	0.0041	0.0005	0.0000	0.6515	0.0048
		7	-0.0033	0.0001	0.0022	2.3781	1.9297	-0.0005	0.0002	0.0004	-1.9340	-3.4703
		8	0.0057	0.0027								
259	8	6	1.002	0.78	-0.0009	-0.2163	1.8228	0.0068	0.0014	0.0011	1.0516	0.8244
		7	-0.0026	0.0001	0.0023	2.0807	1.9686	-0.0022	-0.0007	-0.0005	1.7480	1.1915
		8	0.0059	0.0024								

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key										
259	9	9	1.001 -0.0028 0.0060	1.76 -0.0000 0.0023	-0.0009 0.0024	-0.0009 1.9412	1.6999 2.0453	0.0171 -0.0078	0.0042 -0.0024	0.0042 -0.0028	1.2360 1.5598	1.2293 1.6097	
259	10	9	1.001 -0.0038 0.0084	5.82 0.0003 0.0024	-0.0013 0.0033	-0.0009 1.4461	1.7959 1.9674	0.0430 -0.0305	0.0072 -0.0059	0.0127 -0.0111	0.8455 0.9756	1.4861 1.6179	
260	"	9	1.202 -0.0005 -0.0033	-0.25 0.0005 -0.0018	0.0000 -0.0008	-0.0009 2.7859	-0.0381 -1.2284	0.0007 -0.0010	0.0007 -0.0006	0.0001 -0.0009	5.1255 3.0723	0.7705 4.2765	
260	5	9	1.207 -0.0041 -0.0104	-4.19 -0.0012 0.0003	-0.0010 -0.0019	0.0037 -0.1490	1.2359 0.9454	-0.0021 -0.0051	0.0007 0.0005	-0.0015 -0.0020	-1.6679 -0.5499	3.4847 1.9615	
260	6	9	1.202 0.0023 -0.0045	-2.16 0.0004 -0.0007	0.0007 -0.0014	0.0251 0.7735	1.6887 1.6214	0.0031 -0.0094	0.0003 0.0003	0.0006 -0.0039	0.5375 -0.1852	1.0931 2.0721	
260	7	9	1.204 0.0018 -0.0044	-1.27 0.0006 -0.0009	0.0007 -0.0015	0.0000 1.7900 1.1018	2.0995 1.7666	0.0031 -0.0065	0.0006 -0.0002	0.0005 -0.0030	1.0099 0.1966	0.9237 2.3237	
260	8	9	1.203 0.0009 -0.0042	-0.74 0.0007 -0.0011	0.0003 -0.0012	0.0000 3.7941 1.3822	1.6887 1.4440	0.0021 -0.0044	0.0006 -0.0006	0.0005 -0.0021	1.9402 0.7562	1.3285 2.4662	
260	9	9	1.201 0.0005 -0.0046	-0.19 0.0001 -0.0012	0.0004 -0.0013	0.0000 1.7077 1.3581	3.8863 1.4384	0.0017 -0.0015	0.0007 -0.0010	0.0004 -0.0009	2.1338 3.5712	1.3104 3.2147	
260	10	9	1.204 0.0015 -0.0038	0.27 0.0000 -0.0016	0.0004 -0.0009	-0.0009 2.1678	1.4543 1.2313	-0.0001 -0.0028	-0.0002 -0.0007	-0.0005 -0.0006	7.5579 -1.2604	15.1907 1.1952	
260	11	9	1.203 0.0013 -0.0055	0.82 0.0005 -0.0014	0.0005 -0.0011	0.0000 -2.0938 1.2732	2.0460 1.0438	-0.0008 0.0011	-0.0008 0.0003	-0.0010 0.0003	4.9981 1.6278	6.0360 1.4730	
260	12	9	1.204 0.0017 -0.0062	1.80 -0.0011 -0.0010	0.0009 -0.0016	0.0000 -3.3338 0.2648	2.6195 1.2767	-0.0042 0.0044	-0.0007 0.0001	-0.0018 0.0011	0.8292 0.1573	2.1713 1.3523	

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key															
260	13	6 7 8	1.204 0.0009 -0.0035	5.77 -0.0013 -0.0007	0.0006 -0.0003 -0.0003	-7.2866 1.0287	0.00 0.00 0.00	3.4228 0.4731	-0.0042 0.0088	0.0001 -0.0003	-0.0021 0.0016	-0.1984 -0.2092	2.5215 0.9134					
261	1	6 7 8	1.202 -0.0045 -0.0080	-4.28 -0.0009 0.0002	-0.0015 -0.0007 -0.0007	-0.0851 -1.01660	0.00 0.00 0.00	1.6501 0.4448	0.0011 -0.0023	-0.0000 0.0012	-0.0013 -0.0004	-0.0512 -0.0513	-5.8326 -0.9711					
261	2	6 7 8	1.203 0.0052 -0.0059	-2.24 0.0007 -0.0002	0.0014 -0.0022 -0.0002	0.00 0.7404 0.1695	0.00 0.00 0.00	1.4271 1.8636	0.0071 -0.0122	-0.0000 -0.0006	0.0011 -0.0040	-0.0064 -0.0277	0.8223 1.6605					
261	3	6 7 8	1.202 0.0053 -0.0058	-1.23 0.0008 -0.0005	0.0016 -0.0019 -0.0005	0.00 0.8104 0.4265	0.00 0.00 0.00	1.4915 1.6749	0.0081 -0.0097	0.0007 -0.0002	0.0016 -0.0033	0.4693 0.1258	1.0076 1.7411					
261	4	6 7 8	1.203 0.0050 -0.0058	-0.77 0.0011 -0.0009	0.0012 -0.0017 -0.0017	0.00 1.1424 0.8454	0.00 0.00 0.00	1.2421 1.4694	0.0068 -0.0090	0.0009 -0.0007	0.0010 -0.0030	0.7082 0.4035	0.7626 1.6527					
261	5	6 7 8	1.204 0.0030 -0.0067	-0.24 0.0005 -0.0015	0.0010 -0.0018 -0.0018	0.00 0.9348 1.1497	0.00 0.00 0.00	1.6852 1.3466	0.0043 -0.0043	0.0006 -0.0005	0.0005 -0.0017	0.6955 0.6831	0.6554 2.0283					
261	6	6 7 8	1.203 0.0027 -0.0067	0.28 0.0008 -0.0015	0.0007 -0.0014 -0.0014	-0.00 0.1667 1.1515	0.00 0.00 0.00	1.4393 1.0895	-0.0032 0.0044	-0.0004 -0.0006	-0.0012 -0.0012	0.6554 -0.7019	2.6464 1.3632					
261	7	6 7 8	1.203 0.0033 -0.0087	0.74 0.0005 -0.0014	0.0009 -0.0023 -0.0023	0.00 -0.8507 0.8015	0.00 0.00 0.00	1.4711 1.3413	-0.0062 0.0032	-0.0008 -0.0000	-0.0026 0.0010	0.6835 -0.0672	2.0990 1.6649					
261	8	6 7 8	1.203 0.0000 -0.0051	1.77 -0.0007 -0.0006	0.0001 -0.0010 -0.0010	0.00 0.5905	0.00 0.00 0.00	24.6648 0.9808	-0.0106 0.0063	-0.0001 -0.0000	-0.0039 0.0016	0.0933 -0.0594	1.8464 1.2929					
261	9	6 7 8	1.203 0.0000 -0.0041	3.66 -0.0012 -0.0007	-0.0002 0.0005 -0.0005	0.00 13.4752 0.8911	0.00 0.00 0.00	76.5773 0.6920	-0.0069 0.0065	0.0005 -0.0008	-0.0026 0.0014	-0.4576 -0.4956	2.0394 0.8381					
262	4	6 7 8	1.203 -0.0105 -0.0082	-4.18 -0.0018 -0.0005	-0.0023 -0.0050 -0.0050	-0.00 0.8999 0.3231	0.00 0.00 0.00	1.1339 3.0587	0.0063 0.0055	-0.0015 -0.0043	0.0001 0.0018	-1.2111 -3.9510	0.1019 1.6994					

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
262	5	7	1.202 0.0018 -0.0058	-2.19 -0.0001 -0.0000	0.0014 -0.0016	-0.4752 0.0187	3.8346 1.4419	0.0135 -0.0092	-0.0006 0.0017	0.0029 -0.0032	-0.2276 -0.9476	1.0792 1.7686
262	6	7	1.203 -0.0008 -0.0040	-1.21 -0.0006 -0.0000	0.0003 -0.0013	3.9490 0.1753	-2.0791 1.6123	0.0129 -0.0042	0.0002 0.0005	0.0031 -0.0029	0.0814 -0.3205	1.2194 1.7748
262	7	7	1.203 0.0014 -0.0087	-0.72 -0.0002 -0.0004	0.0010 -0.0025	-0.0030 0.2781	3.7766 1.4304	0.0102 -0.0076	0.0002 0.0005	0.0025 -0.0030	0.1225 -0.3435	1.2410 1.9818
262	8	7	1.202 -0.0019 -0.0085	-0.17 -0.0008 -0.0003	0.0002 -0.0023	-0.0000 2.1932 0.2268	-0.6101 1.3875	0.0053 -0.0077	0.0006 -0.0003	0.0015 -0.0027	0.5837 0.2472	1.4558 1.7980
262	9	7	1.203 -0.0012 -0.0073	0.32 -0.0007 -0.0005	0.0000 -0.0017	-0.0000 3.0173 0.3454	-0.0060 1.2023	-0.0007 0.0017	0.0007 -0.0004	-0.0002 -0.0000	-5.0943 -1.1446	1.7186 -0.0060
262	10	7	1.203 -0.0001 -0.0046	0.76 -0.0008 -0.0001	0.0004 -0.0008	-0.0000 35.4581 0.1631	-0.0046 -18.9577 0.8980	-0.0089 0.0089	0.0007 -0.0002	-0.0015 0.0020	-0.8456 -0.1122	1.6856 1.1593
262	11	7	1.204 -0.0018 -0.0021	1.85 -0.0012 0.0002	0.0000 -0.0000	0.0000 3.4566 -0.5024	-0.0043 0.0066	-0.0100 0.0109	0.0011 -0.0034	-0.0030 0.0020	-0.4781 -0.1868	1.5329 0.9368
262	12	7	1.201 0.0020 0.0010	2.85 -0.0015 0.0004	-0.0003 0.0005	0.0000 3.7968 2.2854	0.8461 2.8100	-0.0089 0.0103	0.0023 -0.0015	-0.0026 0.0015	-1.3098 -0.7594	1.4638 0.7672
262	13	7	1.204 -0.0057 0.0038	5.76 -0.0023 0.0010	-0.0015 0.0012	0.0000 2.0468 1.3423	1.3136 1.6742	-0.0050 0.0048	0.0033 -0.0027	-0.0011 -0.0000	-3.2942 -2.8567	1.1693 -0.0070
262	14	7	1.204 -0.0356 0.0136	5.68 -0.0021 0.0023	-0.0132 0.0046	-0.0000 0.2962 0.8546	1.8621 1.6943	0.0103 -0.0228	0.0046 -0.0067	0.0031 -0.0090	2.2608 1.4807	1.5267 1.9843
262	15	7	1.204 -0.0086 0.0030	7.80 -0.0012 0.0012	-0.0031 0.0011	-0.0000 0.7369 1.9971	1.7897 1.8826	0.0342 -0.0321	0.0094 -0.0079	0.0124 -0.0132	1.3793 1.2342	1.8126 2.0343

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
262	16	7	1.203	-0.0014	-0.0010	1.2987	0.9308	0.0689	0.0102	0.0237	0.7441	1.7209					
		7	-0.0015	0.0014	0.0010	4.6726	3.3696	-0.0596	-0.0080	-0.0235	0.6763	1.7272					
262	17	7	1.205	-0.0020	-0.0012	1.7732	1.1037	0.1017	0.0037	0.0341	0.1827	1.6761					
		7	-0.0056	0.0009	0.0016	0.9697	1.7327	-0.0969	0.0020	-0.0319	-0.1072	1.6480					
263	1	7	1.201	-0.0017	-0.0003	0.000	1.1699	-0.0141	-0.0128	-0.0055	4.5465	1.9602					
		7	-0.0014	0.0000	0.0007	0.3143	2.6228	0.0107	0.0119	0.0042	5.5564	1.9707					
263	2	7	1.203	-0.0023	-0.0002	-0.000	0.3899	-0.0077	-0.0079	-0.0027	5.1457	1.7487					
		7	-0.0029	0.0004	0.0002	1.6452	0.5566	0.0088	0.0086	0.0027	4.8928	1.5546					
263	3	7	1.202	-0.0008	-0.0003	1.9481	0.7730	-0.0014	-0.0047	-0.0006	16.7144	2.4410					
		7	-0.0020	0.0006	0.0001	-1.5175	-0.2611	0.0034	0.0053	0.0010	7.6000	1.4981					
263	4	7	1.203	-0.0009	-0.0003	-0.000	0.4786	0.0010	-0.0026	0.0003	-12.6452	1.1534					
		7	-0.0024	0.0008	0.0003	2.0160	0.7307	0.0023	0.0035	0.0003	7.6786	0.7490					
263	5	7	1.203	-0.0018	-0.0007	-0.000	0.3390	0.0012	-0.0007	0.0002	-2.9340	0.9721					
		7	-0.0033	0.0010	0.0002	1.5780	0.4578	0.0010	0.0014	-0.0000	6.8418	0.0013					
263	6	7	1.203	-0.0010	-0.0002	-0.000	0.3693	0.0019	0.0014	0.0002	3.8666	0.6241					
		7	-0.0019	0.0008	0.0000	-2.0902	0.0132	0.0003	-0.0005	-0.0001	-7.7278	-1.5186					
263	7	7	1.203	-0.0008	-0.0006	-0.000	0.1661	-0.0030	-0.0031	-0.0002	3.1329	1.5483					
		7	-0.0025	0.0006	0.0000	1.2096	0.0095	-0.0004	-0.0025	-0.0002	3.1329	1.7126					
263	8	7	1.204	-0.0010	-0.0004	-0.000	0.1977	0.0092	0.0079	0.0026	3.8218	1.4110					
		7	-0.0028	0.0009	0.0004	-5.9884	-2.7945	-0.0015	-0.0067	-0.0011	18.8873	3.8188					
263	9	7	1.203	-0.0005	-0.0016	-0.000	1.1488	0.0207	0.0130	0.0070	3.1564	1.6991					
		7	-0.0071	0.0009	0.0008	9.2879	8.2977	-0.0165	-0.0125	-0.0065	3.7972	1.9873					

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
264	1	1.203 0.0017 0.00051	-4.17 0.0010 0.0005	-0.0003 0.0010 0.0005	-0.0096 3.0095 0.5095	-1.0144 1.0175 0.1214	0.0069 -0.0078 0.0416	-0.0431 0.0416 -0.3224	-0.2511 -0.3224 -0.3224	1.6544 1.7143 1.7143							
264	2	1.203 0.0019 0.00070	-2.23 0.0013 0.0009	-0.0005 0.0015 0.0005	3.4166 0.7094 0.7094	-1.5031 1.0822 0.0637	0.0018 -0.0035 0.0209	-0.0209 0.0221 -0.1448	-0.1448 -0.2762 -0.2762	1.6206 1.7396 1.7396							
264	3	1.204 0.0007 0.00076	-1.23 0.0005 0.0010	-0.0008 0.0016 0.0016	6.0700 0.7048 0.7048	-5.2435 1.0615 0.0352	0.0004 -0.0023 0.0128	-0.0114 -0.0339 -0.0339	-0.0694 -0.3339 -0.3339	1.5901 1.8201 1.8201							
264	4	1.204 0.0016 0.00082	-0.72 0.0008 0.0009	-0.0004 0.0018 0.0018	2.5324 0.5865 0.5865	-1.4054 1.1225 0.0219	0.0001 -0.0019 0.0069	-0.0082 -0.04612 -0.04612	-0.0380 -0.4612 -0.4612	1.5842 1.9372 1.9372							
264	5	1.204 0.0004 0.00080	-0.17 0.0010 0.0011	-0.0008 0.0017 0.0017	12.5113 0.7254 0.7254	-9.7202 1.0783 0.0067	0.0003 -0.0015 0.0032	-0.0025 -0.0032 -1.1664	-0.2229 -1.1664 -1.1664	1.8171 2.4336 2.4336							
264	6	1.204 0.0007 0.00075	0.24 0.0009 0.0006	-0.0006 0.0018 0.0018	6.0480 0.5791 0.5791	-4.4571 1.2244 0.0038	-0.0005 -0.0014 0.0018	-0.0018 -0.0018 -0.7282	-0.7282 -0.7282 -0.7282	2.4574 0.3410 0.3410							
264	7	1.203 0.0002 0.00080	0.78 0.0012 0.0011	-0.0010 0.0018 0.0018	29.9942 0.7246 0.7246	-25.3213 1.1510 0.0187	-0.0004 -0.0011 0.0068	-0.0068 -0.0053 -0.3042	-0.1311 -0.3042 -0.3042	1.8180 1.4406 1.4406							
264	8	1.203 0.0007 0.00077	1.83 0.0009 0.0011	-0.0008 0.0018 0.0018	6.0700 0.7507 0.7507	-5.2435 1.1898 0.0484	-0.0016 -0.0003 0.0164	-0.0152 -0.0393 -0.0393	-0.1696 -0.0393 -0.0393	1.6932 1.5483 1.5483							
264	9	1.202 0.0000 0.00097	2.90 0.0012 0.0012	-0.0012 0.0025 0.0025	22.4492 0.6333 0.6333	95.8895 1.3061 0.0402	-0.0030 0.0012 0.0266	-0.0266 -0.0249 -0.1887	-0.1887 -0.0841 -0.0841	1.6584 1.6183 1.6183							
264	10	1.203 0.0021 0.00072	3.84 0.0011 0.0009	-0.0004 0.0017 0.0017	2.6395 0.6799 0.6799	-1.0845 1.2052 0.1039	-0.0052 0.0032 0.0359	-0.0359 -0.0346 -0.1543	-0.2410 -0.1543 -0.1543	1.6507 1.6284 1.6284							
264	11	1.205 0.0009 0.00093	5.63 0.0017 0.0011	-0.0010 0.0024 0.0024	6.5375 0.6124 0.6124	-5.1922 1.3026 0.1397	-0.0100 0.0080 0.0532	-0.0532 -0.0515 -0.3171	-0.3171 -0.2608 -0.2608	1.6766 1.6632 1.6632							

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
264	12	6 7	1.203 0.0007 0.0089	7.77 0.0020 0.0012	-0.0019 0.0023 0.0000	14.2507 0.6947 0.0000	-7.3617 1.2902 0.0000	0.2172 -0.2107 0.0000	-0.0148 0.0132 0.0000	0.0727 -0.0705 0.0000	-0.3412 -0.3151 0.0000	1.6747 1.6745 0.0000
264	13	6 7	1.204 0.0030 0.0082	9.73 0.0022 0.0011	-0.0006 0.0020 0.0000	3.7985 0.6986 0.0000	-1.1621 1.2557 0.0000	0.2656 -0.2609 0.0000	-0.0191 0.0182 0.0000	0.0901 -0.0683 0.0000	-0.3598 -0.3489 0.0000	1.6959 1.6924 0.0000
264	14	6 7	1.203 0.0033 0.0088	11.78 0.0024 0.0011	-0.0005 0.0021 0.0000	5.7235 0.6533 0.0000	-0.8758 1.2473 0.0000	0.3146 -0.3090 0.0000	-0.0232 0.0230 0.0000	0.1070 -0.1056 0.0000	-0.3695 -0.3727 0.0000	1.7008 1.7090 0.0000
264	15	6 7	1.203 0.0012 0.0087	0.0020 0.0012 0.0012	-0.0006 0.0019 0.0000	4.6949 0.7194 0.0000	-2.7672 1.1272 0.0000	-0.0060 0.0063 0.0000	0.0003 -0.0017 0.0000	-0.0026 0.0034 0.0000	-0.2485 -1.3802 0.0000	2.2270 2.7356 0.0000
265	1	6 8	1.003 -0.0038 0.00127	-4.19 0.0015 0.0005	-0.0024 0.0035 0.0000	-2.0196 0.0197 0.0000	3.1361 1.3924 0.0000	-0.1147 0.1110 0.0000	-0.0009 0.0005 0.0000	-0.0394 0.0410 0.0000	0.0429 0.0221 0.0000	1.7162 1.6951 0.0000
265	2	6 8	1.002 -0.0020 0.00147	-2.27 0.0017 0.0001	-0.0023 0.0042 0.0000	-4.4796 0.0443 0.0000	5.8015 1.4842 0.0000	-0.0078 0.0016 0.0000	-0.0034 0.0019 0.0000	-0.0189 0.0213 0.0000	0.3008 0.1555 0.0000	1.6343 1.7492 0.0000
265	3	6 8	1.003 -0.0028 0.00140	-1.30 0.0014 0.0010	-0.0021 0.0038 0.0000	-2.5513 0.3826 0.0000	3.8112 1.3862 0.0000	-0.0045 0.0064 0.0000	-0.0022 0.0006 0.0000	-0.0108 0.0131 0.0000	0.3227 0.0881 0.0000	1.5674 1.8002 0.0000
265	4	6 8	1.005 -0.0039 0.00157	-0.78 0.0015 0.0011	-0.0025 0.0042 0.0000	-2.0094 0.3700 0.0000	3.3050 1.3470 0.0000	-0.0185 0.0231 0.0000	-0.0010 0.0003 0.0000	-0.0067 0.0085 0.0000	0.2929 -0.0711 0.0000	1.8293 1.8507 0.0000
265	5	6 8	1.004 -0.0047 0.00133	-0.26 0.0012 0.0008	-0.0024 0.0036 0.0000	-1.3000 0.3186 0.0000	2.5637 1.3849 0.0000	-0.0076 0.0108 0.0000	-0.0006 0.0010 0.0000	-0.0027 0.0046 0.0000	0.4493 -0.5032 0.0000	1.8102 2.1635 0.0000
265	6	6 8	1.000 -0.0036 0.00135	0.21 0.0013 0.0009	-0.0021 0.0037 0.0000	-1.8502 0.3564 0.0000	2.9767 1.3655 0.0000	0.0055 -0.0030 0.0000	-0.0004 0.0014 0.0000	0.0018 0.0001 0.0000	-0.3953 -2.4014 0.0000	1.6320 -0.2358 0.0000
265	7	6 8	1.003 -0.0040 0.00136	0.77 0.0014 0.0008	-0.0023 0.0038 0.0000	-1.7978 0.3095 0.0000	2.8294 1.4042 0.0000	0.0189 -0.0173 0.0000	0.0001 -0.0023 0.0000	0.0060 -0.0042 0.0000	0.0453 0.6673 0.0000	1.6247 1.6227 0.0000

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key													
265	8	7	1.003	0.70	-0.0020	-1.8608	-0.0000	2.7947	0.0179	-0.0002	0.0039	-0.0777	1.6607			
	8	8	-0.0036	0.0000	0.0036	0.3273	0.0000	1.4180	-0.0157	-0.0021	-0.0039	0.6680	1.2644			
265	9	7	1.001	1.69	-0.0021	-1.7126	-0.0000	2.7462	0.0432	0.0013	0.0141	0.1515	1.6307			
	8	8	-0.0039	0.0000	0.0039	0.2389	0.0000	1.4792	-0.0100	-0.0034	-0.0122	0.4339	1.5299			
265	10	7	1.002	2.78	-0.0024	-1.8000	-0.0000	2.8291	0.0738	0.0027	0.0239	0.1828	1.6193			
	8	8	-0.0046	0.0011	0.0039	0.2933	0.0000	1.3916	-0.0168	-0.0043	-0.0214	0.3243	1.6018			
265	11	7	1.002	3.74	-0.0019	-2.8846	-0.0000	3.7530	0.1046	0.0017	0.0341	0.0838	1.6315			
	8	8	-0.0025	0.0014	0.0039	0.1816	0.0000	1.4460	-0.0564	-0.0034	-0.0319	0.1777	1.6554			
265	12	7	1.001	5.63	-0.0020	-2.9604	-0.0000	3.8236	0.1178	-0.0026	0.0558	-0.0778	1.6647			
	8	8	-0.0026	0.0015	0.0042	0.2549	0.0000	1.5092	-0.1151	0.0006	-0.0523	-0.0287	1.6870			
265	13	7	1.003	7.76	-0.0019	-4.5926	-0.0000	4.5534	0.2264	-0.0085	0.0803	-0.1812	1.6983			
	8	8	-0.0020	0.0016	0.0039	0.2551	0.0000	1.4412	-0.2278	0.0071	-0.0782	-0.1570	1.7175			
265	14	7	1.001	9.76	-0.0013	0.0000	0.0000	1.5688	0.2139	-0.0111	0.0572	-0.1971	1.7134			
	8	8	0.0000	0.0004	0.0039	0.1793	0.0000	0.0000	-0.2151	0.0108	-0.0559	-0.1979	1.7434			
265	15	7	1.003	11.76	-0.0004	0.0000	0.0000	-0.5688	0.2515	-0.0115	0.1011	-0.1978	1.7353			
	8	8	0.0035	0.0021	0.0045	0.2760	0.0000	1.5204	-0.2582	0.0119	-0.1040	-0.1994	1.7417			
265	16	7	1.003	-0.28	-0.0022	-1.3073	-0.0000	2.4236	-0.0150	-0.0006	-0.0019	0.6094	1.9225			
	8	8	-0.0047	0.0012	0.0039	0.3564	0.0000	1.3655	0.0173	-0.0012	0.0038	-0.8714	2.6420			
266	1	7	0.902	-4.31	-0.0022	-1.7334	-0.0000	2.7272	-0.0509	-0.0077	-0.0313	0.4235	1.7230			
	8	8	-0.0041	0.0004	0.0031	0.4644	0.0000	1.9428	0.0554	0.0088	0.0321	0.4578	1.6675			
266	2	7	0.902	-2.39	-0.0025	-1.6164	-0.0000	2.5394	-0.0438	-0.0040	-0.0162	0.4658	1.8541			
	8	8	-0.0050	0.0010	0.0030	0.6164	0.0000	1.8314	0.0497	0.0047	0.0171	0.4746	1.7274			

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
266	3	6	0.903 -0.0053 0.00105	-1.37 0.0001 0.0015	-0.0024 0.0036	-0.0004 0.7110	2.2645 1.7382	-0.0016 0.0009	-0.0019 0.0029	-0.0083 0.0103	0.4570 0.4735	1.9324 1.6669
266	4	7	0.901 -0.0042 0.00085	-0.91 0.0003 0.0011	-0.0021 0.0033	-0.000 0.4250 0.6727	2.5025 1.5690	-0.0025 0.0189	-0.0010 0.0014	-0.0054 0.0067	0.4353 0.3729	2.1646 1.7797
266	5	7	0.903 -0.0052 0.00087	-0.32 0.0000 0.0012	-0.0022 0.0032	-0.000 0.7314	2.1791 1.8318	-0.0008 0.0066	0.0005 0.0001	-0.0015 0.0027	-3.3700 0.1198	2.6951 2.0373
266	6	7	0.901 -0.0052 0.00082	0.04 -0.0000 0.0011	-0.0022 0.0032	-0.000 0.7053	2.1791 1.9572	-0.0045 0.0005	0.0008 -0.0007	0.0007 0.0001	0.9280 6.7722	0.8520 -1.3336
266	7	7	0.901 -0.0047 0.00096	0.55 -0.0001 0.0013	-0.0021 0.0035	-0.000 0.7236	2.2401 1.8211	0.0161 -0.0095	0.0023 -0.0015	-0.0043 0.0031	0.7329 0.9059	1.3449 1.0404
266	8	7	0.902 -0.0041 0.00098	1.62 -0.0000 0.0011	-0.0021 0.0036	-0.000 0.5698	2.5352 1.9280	0.0098 -0.0009	-0.0043 0.0039	-0.0123 0.0103	0.5437 0.6306	1.5506 1.7032
266	9	7	0.902 -0.0043 0.00107	2.66 -0.0001 0.0004	-0.0016 0.0039	-0.000 0.4607	1.9040 1.8516	0.0038 -0.0025	0.0065 -0.0060	0.0201 -0.0174	0.5156 0.5767	1.5763 1.6592
266	10	7	0.902 -0.0043 0.00107	3.58 0.0001 0.0009	-0.0021 0.0036	-0.000 0.4629	2.4576 1.7064	0.0094 -0.00761	0.0085 -0.0077	-0.0283 0.0256	0.4776 0.5103	1.5851 1.6043
266	11	7	0.900 -0.0055 0.00123	5.46 0.0002 0.0006	-0.0024 0.0044	-0.000 0.3419	2.2096 1.8118	0.01345 -0.0162	0.0106 -0.0100	-0.0436 0.0400	0.3954 0.4323	1.6310 1.7209
266	12	7	0.900 -0.0051 0.00122	7.53 0.0005 0.0005	-0.0021 0.0046	-0.000 0.2366	2.0980 1.8874	0.01784 -0.01577	0.0090 -0.0080	0.0590 -0.0549	0.2530 0.2541	1.6557 1.7421
266	13	7	0.902 -0.0043 0.00144	9.57 0.0007 0.0009	-0.0021 0.0051	-0.000 0.3210	2.4705 1.7933	0.02061 -0.01946	0.0014 -0.0012	0.0690 -0.0676	0.0361 0.0312	1.6737 1.7374

TABLE V
TAIL, FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
266	14	b 7 8	0.902 0.0010 0.0143	11.62 0.0012 0.0008	-0.0004 0.0050	0.00 5.9841 0.2820	-2.1720 1.7653	0.2071 -0.1980	-0.0047 0.0047	0.0682 -0.0676	-0.1156 -0.1193	1.6473 1.7075
266	15	b 7 8	0.902 -0.0054 0.0082	-0.41 0.0011 0.0011	-0.0021 0.0030	-0.00 0.1293 0.7064	1.9570 1.8618	-0.0016 0.0095	0.0004 0.0006	-0.0023 0.0032	-1.2809 0.3369	6.9903 1.7265
267	1	b 7 8	0.902 -0.0027 -0.0052	-4.28 0.0003 0.0003	-0.0009 -0.0005	-0.00 0.7120 -0.2971	1.6738 0.5976	-0.0038 0.0032	-0.0000 0.0017	-0.0048 0.0015	0.0716 2.7107	6.3706 2.3191
267	2	b 7 8	0.902 0.0002 -0.0124	-2.35 0.0004 0.0004	-0.0000 -0.0034	-0.00 -4.9851 -0.1716	-0.0575 1.3674	0.0024 -0.0069	-0.0000 0.0013	-0.0013 -0.0020	-0.0626 -1.0039	-2.8075 1.5139
267	3	b 7 8	0.903 0.0001 -0.0118	-1.48 0.0001 0.0002	-0.0000 -0.0032	-0.00 -4.9851 -0.1209	-0.0575 1.3577	0.0039 -0.0066	0.0004 0.0008	-0.0007 -0.0020	0.3858 -0.6487	-0.9662 1.5619
267	4	b 7 8	0.903 -0.0006 -0.0103	-0.89 0.0003 0.0005	0.0000 -0.0030	-0.00 3.0173 -0.2568	-0.0060 1.4766	0.0044 -0.0076	0.0005 0.0006	0.0000 -0.0026	0.6515 -0.4060	0.0048 1.7289
267	5	b 7 8	0.902 -0.0000 -0.0067	-0.40 0.0002 0.0003	-0.0000 -0.0016	-0.00 16.2638 -0.2527	0.0467 1.2347	0.0058 -0.0044	0.0012 0.0004	0.0003 -0.0017	1.0330 -0.5078	0.2663 1.9819
267	6	b 7 8	0.902 -0.0004 -0.0038	0.07 0.0002 0.0001	0.0000 -0.0006	-0.00 3.0173 -0.2141	-0.0060 0.7758	0.0039 0.0002	0.0013 0.0001	-0.0002 -0.0005	1.6920 2.8884	-0.3758 -12.2410
267	7	b 7 8	0.902 0.0032 -0.0018	0.56 0.0005 0.0001	0.0010 0.0005	-0.00 -0.7870 -0.3286	1.5978 -1.5587	0.0033 0.0045	0.0016 -0.0005	-0.0004 0.0008	2.3744 -0.5968	-0.6649 0.9459
267	8	b 7 8	0.902 0.0088 -0.0008	1.53 0.0005 0.0001	0.0027 0.0007	-0.00 -0.2986 -0.6580	1.5366 -4.2271	0.0044 0.0086	0.0020 -0.0003	0.0001 0.0014	2.2874 -0.1996	0.1783 0.8636
267	9	b 7 8	0.901 0.0075 0.0012	3.54 0.0006 0.0003	0.0026 0.0013	-0.00 -0.4232 1.4043	1.7904 5.5414	0.0101 0.0105	0.0032 -0.0012	0.0023 0.0016	1.5800 -0.5522	1.1338 0.7604

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key														
268	1	1	0.903	-4.35	-0.0012	-0.0006	1.7769	-0.0046	-0.0029	-0.0044	3.1260	4.8126					
		1	-0.0034	-0.0007	0.0018	0.3461	20.8067	0.0126	0.0040	0.0047	1.6026	1.8871					
268	2	1	0.902	-2.41	-0.0010	-0.0000	2.1121	0.0014	-0.0013	-0.0018	-4.6885	-6.5911					
		1	-0.0025	-0.0002	0.0009	0.0604	-4.0599	0.0014	0.0024	0.0010	8.0700	3.5082					
268	3	1	0.902	-1.55	-0.0007	-0.0000	2.9946	0.0024	-0.0000	-0.0013	-0.0626	-2.8075					
		1	-0.0012	-0.0004	-0.0003	0.5564	0.4830	0.0022	0.0017	0.0005	-4.0021	1.3491					
268	4	1	0.903	-0.85	-0.0004	-0.0000	1.0851	0.0036	0.0004	-0.0007	0.6481	-1.0580					
		1	-0.0020	-0.0002	-0.0000	1.5199	0.0066	0.0020	0.0012	0.0002	3.0303	0.7134					
268	5	1	0.902	-0.40	-0.0001	-0.0000	0.2397	0.0044	0.0005	-0.0003	0.6504	-0.3376					
		1	-0.0030	-0.0002	0.0001	1.6424	-0.3096	-0.0005	0.0005	-0.0002	-4.8526	2.7630					
268	6	1	0.903	0.11	-0.0001	-0.0000	0.3829	0.0058	0.0014	0.0003	1.2366	0.2626					
		1	-0.0019	-0.0005	0.0004	-1.9587	-1.7551	0.0002	0.0001	-0.0005	2.8884	-12.2410					
268	7	1	0.901	0.60	-0.0002	-0.0000	0.7222	0.0050	0.0019	0.0003	1.9716	0.3063					
		1	-0.0020	-0.0007	0.0005	1.5127	-5.7830	0.0017	-0.0006	-0.0000	-1.8679	-0.0064					
268	8	1	0.901	1.61	-0.0008	-0.0000	1.9157	0.0054	0.0028	0.0006	2.6319	0.5600					
		1	-0.0023	-0.0006	0.0011	3.1095	4.3630	0.0011	-0.0013	-0.0002	-5.8557	-1.2549					
268	9	1	0.901	2.62	-0.0004	-0.0000	2.6542	0.0083	0.0042	0.0018	2.5282	1.0901					
		1	-0.0028	-0.0006	0.0016	1.2328	2.8900	0.0009	-0.0027	-0.0007	-15.7608	-3.6904					
268	10	1	0.901	5.58	-0.0001	-0.0000	0.5986	0.0118	0.0050	0.0029	2.1328	1.2444					
		1	-0.0012	-0.0007	0.0019	3.0195	3.5324	0.0013	-0.0030	-0.0012	-11.5179	-4.5383					
268	11	1	0.902	5.48	-0.0006	-0.0000	1.2037	0.0341	0.0067	0.0100	0.9914	1.4708					
		1	-0.0025	-0.0004	0.0027	1.7749	2.6408	-0.0145	-0.0039	-0.0070	1.3638	2.4075					

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key															
268	12	6	0.901	7.54	-0.0018	-0.0005	-0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
		6	-0.0046	-0.0005	-0.0030	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005
		6	0.0060	0.0005	0.0030	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
268	13	6	0.901	9.53	-0.0015	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006
		6	-0.0031	-0.0006	-0.0030	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006
		6	0.0069	0.0006	0.0030	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
268	14	6	0.902	11.61	-0.0012	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003
		6	-0.0025	-0.0003	-0.0033	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003
		6	0.0082	0.0003	0.0033	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
269	1	6	0.902	-4.31	-0.0016	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003
		6	-0.0039	-0.0003	-0.0015	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003
		6	0.0012	0.0003	0.0015	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
269	2	6	0.902	-2.41	-0.0015	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006
		6	-0.0042	-0.0006	-0.0015	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006
		6	0.0020	0.0006	0.0015	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
269	3	6	0.902	-1.40	-0.0012	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006
		6	-0.0031	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006
		6	0.0013	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006
269	4	6	0.901	-0.92	-0.0007	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004
		6	-0.0032	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004	-0.0004
		6	0.0016	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004
269	5	6	0.902	-0.38	-0.0012	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005
		6	-0.0031	-0.0005	-0.0004	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005
		6	0.0016	0.0005	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
269	6	6	0.902	-0.06	-0.0007	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003
		6	-0.0032	-0.0003	-0.0007	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003	-0.0003
		6	0.0011	0.0003	0.0007	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
269	7	6	0.901	0.58	-0.0004	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005
		6	-0.0026	-0.0005	-0.0004	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005	-0.0005
		6	0.0006	0.0005	0.0009	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
269	8	6	0.903	1.60	-0.0010	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006
		6	-0.0023	-0.0006	-0.0010	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006	-0.0006
		6	0.0002	0.0006	0.0012	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
269	9	6	-0.0003 -0.0005 0.0017	0.4232 0.4232 1.3088	-0.0019 0.0018 0.0018	1.6290 5.1757 0.3132	0.0275 -0.0146 -0.0135	0.0065 -0.0050 -0.0022	0.0082 -0.0058 0.0047	1.1232 1.7264 0.6123	1.4944 1.9940 2.0483	
270	4	6	-0.0067 -0.0001 -0.0004	0.4593 0.4593 1.4593	-0.0004 -0.0008 0.0008	0.6995 0.3132 0.6101	0.0151 -0.0135 -0.0016	0.0033 -0.0022 -0.0016	-0.0055 0.0047 -0.0006	1.0985 1.0985 4.8249	1.5649 1.5649 3.2968	
270	5	6	-0.0036 -0.0120 -0.0004	2.1932 0.0103 0.0103	0.0004 -0.0032 -0.0032	-1.3549 0.7384 1.3549	-0.0025 -0.0014 -0.0026	0.0020 -0.0008 0.0007	-0.0017 -0.0002 -0.0016	-4.0079 3.0216 -1.4723	1.9295 9.7298 3.1697	
270	7	6	-0.0057 -0.0079 0.0071	1.5127 0.0475 1.6516	-0.0008 -0.0021 0.0006	0.7222 1.3380 0.7384	-0.0007 -0.0004 -0.0014	-0.0007 0.0009 -0.0008	0.0002 -0.0012 -0.0002	5.0511 -11.3128 -1.4723	1.5282 15.2890 9.7298	
270	8	6	-0.0054 -0.0072 0.0070	1.6452 0.0661 1.6452	-0.0004 -0.0017 0.0004	0.3899 1.2148 0.3899	-0.0045 -0.0017 -0.0001	-0.0008 0.0004 0.0005	0.0008 -0.0021 0.0006	0.9616 -1.2190 -27.4817	-0.9800 -6.0465 -32.4352	
270	9	6	-0.0069 -0.0058 0.0071	1.5258 0.4231 2.3560	-0.0004 -0.0008 0.0004	0.2996 0.7450 -0.4908	-0.0001 0.0003 -0.0001	0.0005 0.0002 -0.0005	0.0006 -0.0014 -0.0008	-27.4817 2.8056 -25.2824	-32.4352 -19.3164 -39.8475	
270	10	6	-0.0044 -0.0033 0.0071	0.9100 1.6283 0.9100	0.0004 -0.0000 0.0012	-7.0866 -2.8093 0.3132	-0.0008 0.0003 -0.0008	0.0012 -0.0009 0.0012	0.0008 -0.0000 0.0010	-7.5136 -0.7427 -0.7427	-6.2709 -0.1589 -0.1589	
270	12	6	0.0071 0.0024 -0.0010	0.0000 -4.3242 1.5040	0.0035 0.0008 0.0008	2.7906 -4.0143 0.0130	0.0052 0.0052 0.0130	0.0037 -0.0021 0.0037	0.0045 -0.0004 0.0045	1.4563 -1.7379 1.4563	1.7353 -0.3408 1.7353	
271	1	6	0.0041 -0.0001 0.0006	0.9941 -1.0123 0.9941	-0.0015 -0.0026 -0.0015	0.9283 3.1914 0.9283	-0.0409 -0.0308 -0.0409	-0.0071 0.0055 -0.0071	-0.0097 -0.0096 -0.0097	0.8786 0.8927 0.8786	1.1945 1.1564 1.1945	

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
271	2	6	0.700 -0.0088 -0.0019	-2.57 -0.0023 -0.0005	-0.0015 0.0006	0.00 1.3265 1.4180	0.8537 -1.6559	-0.0085 0.0135	-0.0024 0.0037	-0.0028 0.0036	1.4471 1.3532	1.6853 1.3284
271	3	6	0.701 -0.0080 -0.0047	-1.51 -0.0021 -0.0007	-0.0010 0.0000	-0.00 1.3415 0.7512	0.6685 0.0014	0.0028 0.0076	-0.0004 0.0024	-0.0008 0.0012	-0.7158 -1.6311	-1.5309 -0.8348
271	4	6	0.701 -0.0072 -0.0047	-1.05 -0.0019 -0.0007	-0.0012 0.0002	-0.00 1.3697 0.7537	0.8921 -0.2267	0.0040 0.0056	0.0003 0.0016	0.0000 0.0004	0.3874 1.4133	0.9050 0.3717
271	5	6	0.701 -0.0084 -0.0044	-0.50 -0.0026 -0.0005	-0.0008 0.0000	-0.00 1.5983 0.5963	0.5074 0.0020	0.0027 0.0057	0.0001 0.0016	0.0008 -0.0000	0.2643 1.4160	1.6221 -0.0045
271	6	6	0.701 -0.0079 -0.0038	-0.07 -0.0026 -0.0005	-0.0006 0.0004	-0.00 1.6975 0.6678	0.4024 0.5610	-0.0100 0.0023	-0.0026 0.0001	0.0019 -0.0006	1.3199 0.3346	-0.9904 -1.3832
271	7	6	0.702 -0.0083 -0.0037	0.47 -0.0026 -0.0007	-0.0002	-0.00 1.5983 0.9639	0.5074 -0.2868	0.0061 0.0010	0.0019 -0.0008	-0.0019 -0.0008	1.5749 -4.2977	1.6023 -4.0989
271	8	6	0.702 -0.0093 -0.0024	1.51 -0.0026 -0.0005	-0.0012 0.0004	-0.00 1.4314 1.1209	0.6840 -0.8842	0.0094 -0.0009	0.0033 -0.0026	0.0039 -0.0017	1.7786 14.9431	2.0841 9.4780
271	9	6	0.702 -0.0100 -0.0008	2.50 -0.0025 -0.0001	-0.0017 0.0008	-0.00 1.2455 1.1444	0.8515 -4.9879	0.0234 -0.0064	0.0061 -0.0033	0.0061 -0.0042	1.3035 2.5882	1.3096 3.3111
271	10	6	0.702 -0.0103 -0.0004	3.46 -0.0021 -0.0005	-0.0012 0.0010	-0.00 1.0179 5.8776	0.6128 -11.0843	0.0217 -0.0142	0.0042 -0.0044	0.0096 -0.0067	0.9830 1.5665	2.2144 2.3685
271	11	6	0.702 -0.0139 0.0011	5.34 -0.0024 -0.0007	-0.0027 0.0017	-0.00 0.8928 -3.3766	0.9963 7.4809	0.0403 -0.0215	0.0063 -0.0056	0.0157 -0.0136	0.7881 0.8933	1.9458 2.1718
271	12	6	0.701 -0.0126 0.0029	7.43 -0.0023 -0.0006	-0.0029 0.0021	0.00 0.9179 -1.0671	1.1812 3.7139	0.0791 -0.0676	0.0068 -0.0049	0.0264 -0.0254	0.4342 0.3648	1.6693 1.8831

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key									
271	13	7 2	-0.701 -0.0037 0.0000	9.42 -0.0021 -0.0004	-0.0023 0.0021 0.0000	0.8980 0.5999 0.0000	0.9893 2.9179 0.6685	0.1116 -0.1105 0.1179	-0.0011 0.0016 -0.0018	0.0380 -0.0380 0.0362	-0.0531 -0.0741 -0.0774	1.7031 1.7228 1.5365
271	14	6 1	0.701 -0.0079 0.0056	11.46 -0.0021 -0.0004	-0.0010 0.0025 0.0000	0.00 1.3415 -0.4152	0.6685 2.2953 0.6443	0.1179 -0.1059 -0.0384	0.0046 -0.0046 0.0067	0.0362 -0.0359 0.0134	-0.0774 -0.2190 0.6437	1.5365 1.6953 1.7277
272	1	6 1	0.700 -0.0083 0.0024	-4.50 -0.0023 -0.0006	-0.0010 0.0017 0.0000	0.00 1.4018 -1.2424	0.6443 3.5368 0.6443	-0.0384 0.0444 -0.0384	-0.0049 0.0067 0.0067	-0.0132 0.0134 0.0134	0.6437 0.7631 0.7631	1.7277 1.5127 1.5127
272	2	6 2	0.701 -0.0099 -0.0032	-2.46 -0.0027 -0.0007	-0.0017 0.0006 0.0000	0.00 1.3629 1.1215	0.8682 -0.9931 0.9931	-0.0074 0.0190 0.0190	-0.0009 0.0036 0.0036	-0.0055 0.0057 0.0057	0.6591 0.9484 0.9484	3.7113 1.5116 1.5116
272	3	6 3	0.701 -0.0086 -0.0037	-1.55 -0.0025 -0.0007	-0.0012 0.0004 0.0000	0.00 1.4605 0.9661	0.7475 -0.5758 0.7475	-0.0000 0.0129 -0.0000	-0.0003 0.0029 0.0029	-0.0022 0.0029 0.0029	2.9751 1.1469 1.1469	1.1498 1.1498 1.1498
272	4	6 4	0.701 -0.0089 -0.0039	-1.03 -0.0027 -0.0005	-0.0010 0.0000 0.0000	0.00 1.5102 0.6763	0.6006 0.0017 0.6006	-0.0028 0.0067 -0.0028	-0.0014 0.0010 0.0010	-0.0006 0.0014 0.0014	2.5066 0.7624 0.7624	1.1470 1.1067 1.1067
272	5	6 5	0.700 -0.0102 -0.0026	-0.54 -0.0028 -0.0003	-0.0012 0.0002 0.0000	0.00 1.4068 0.6813	0.6303 -0.4098 0.6303	-0.0028 0.0031 -0.0028	-0.0010 0.0003 0.0003	0.0006 0.0002 0.0002	1.9054 0.5542 0.5542	-1.1733 -0.3408 -0.3408
272	6	6 6	0.701 -0.0105 -0.0029	-0.05 -0.0030 -0.0005	-0.0012 0.0004 0.0000	0.00 1.4527 0.9253	0.6122 -0.7331 0.6122	0.0020 0.0019 0.0020	0.0003 -0.0003 0.0003	0.0015 -0.0002 0.0002	0.8395 -0.9777 -0.9777	3.8238 -0.5676 -0.5676
272	7	6 7	0.700 -0.0105 -0.0016	0.42 -0.0030 -0.0003	-0.0015 0.0006 0.0000	0.00 1.4549 1.1270	0.7155 -1.9582 0.7155	0.0042 -0.0016 0.0042	0.0010 -0.0016 0.0010	0.0024 -0.0015 0.0024	1.2569 4.6369 4.6369	2.9038 4.6365 4.6365
272	8	6 8	0.700 -0.0100 -0.0012	1.51 -0.0030 -0.0007	-0.0010 0.0008 0.0000	0.00 1.5240 2.9315	0.5343 -3.3917 0.5343	0.0103 -0.0059 0.0103	0.0026 -0.0030 0.0026	0.0051 -0.0032 0.0051	1.2850 2.5385 2.5385	2.4782 2.7055 2.7055
272	9	6 9	0.701 -0.0109 -0.0009	3.20 -0.0027 -0.0006	-0.0017 0.0015 0.0000	0.00 1.2359 -3.0305	0.7892 7.7551 0.7892	0.0352 -0.0251 0.0352	0.0056 -0.0055 0.0056	0.0131 -0.0100 0.0131	0.7994 1.0930 1.0930	1.8597 2.0003 2.0003

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key															
273	1	7 8	0.702 -0.0069 0.0058	-4.61 -0.0001 -0.0001	-0.0017 0.0023 -0.0067	0.00 0.6488 0.00	1.2457 2.0603 0.0980	-0.0916 0.0038 0.0040	-0.0304 0.0324 0.0324	0.2198 0.1941 0.1941	1.6583 1.6573 1.6573							
273	2	7 8	0.701 -0.0072 0.0075	-2.58 -0.0010 0.0000	-0.0015 0.0026 0.0021	0.00 0.7425 0.0421	1.0445 1.7211 0.0554	-0.0494 0.0027 0.0025	-0.0156 0.0176 0.0176	0.2728 0.2315 0.2315	1.5812 1.5913 1.5913							
273	3	7 8	0.702 -0.0091 0.0082	-1.57 -0.0010 -0.0001	-0.0019 0.0028 -0.0078	0.00 0.5790 0.0789	1.0550 1.7118 0.0318	-0.0008 0.0004 0.0004	-0.0081 0.0103 0.0103	0.1742 0.0768 0.0768	1.6185 1.6310 1.6310							
273	4	7 8	0.701 -0.0086 0.0077	-1.02 -0.0010 -0.0001	-0.0021 0.0028 -0.0013	0.00 0.6185 0.00	1.2388 1.8211 0.0186	-0.0157 -0.0006 -0.0002	-0.0044 0.0057 0.0057	0.2700 -0.0645 -0.0645	1.3970 1.5356 1.5356							
273	5	7 8	0.701 -0.0102 0.0088	-0.53 -0.0014 0.0002	-0.0023 0.0030 0.0030	0.00 0.6969 0.1287	1.1526 1.7204 0.0109	-0.0065 -0.0000 -0.0006	-0.0015 0.0033 0.0033	0.0591 -0.3166 -0.3166	1.1727 1.5579 1.5579							
273	6	7 8	0.702 -0.0118 0.0077	0.02 -0.0017 -0.0001	-0.0023 0.0030 -0.0045	0.00 0.7518 0.0845	0.9982 1.9644 0.0031	0.0031 -0.0012 -0.0012	0.0024 -0.0000 -0.0000	0.2117 -0.1767 -0.1767	3.8457 -0.0094 -0.0094							
273	7	7 8	0.701 -0.0106 0.0061	0.37 -0.0019 -0.0004	-0.0019 0.0028 -0.0030	0.00 0.9205 0.3902	0.9063 2.2920 -0.0065	0.0129 -0.0015 -0.0015	0.0050 -0.0025 -0.0025	0.4935 1.1811 1.1811	1.9488 1.9497 1.9497							
273	8	7 8	0.702 -0.0108 0.0077	1.55 -0.0017 -0.0001	-0.0021 0.0030 -0.0045	0.00 0.8216 0.0845	0.9896 1.9644 -0.0339	0.0339 -0.0031 -0.0031	0.0122 -0.0107 -0.0107	0.3031 0.5289 0.5289	1.6078 1.7866 1.7866							
273	9	7 8	0.700 -0.0100 0.0079	2.49 -0.0016 -0.0003	-0.0019 0.0032 -0.0026	0.00 0.7961 0.2026	0.9605 2.0567 -0.0584	0.0039 -0.0043 -0.0043	0.0195 -0.0169 -0.0169	0.3350 0.4414 0.4414	1.6753 1.7044 1.7044							
273	10	7 8	0.702 -0.0120 0.0093	3.58 -0.0018 -0.0003	-0.0023 0.0034 -0.0197	0.00 0.8075 0.1797	0.9735 1.8499 -0.0798	0.0044 -0.0046 -0.0046	0.0273 -0.0246 -0.0246	0.2808 0.3345 0.3345	1.7149 1.7950 1.7950							
273	11	7 8	0.701 -0.0115 0.0073	3.37 -0.0018 -0.0004	-0.0023 0.0030 -0.0042	0.00 0.6931 0.4627	1.0242 2.0739 -0.1139	0.0044 -0.0058 -0.0058	0.0426 -0.0391 -0.0391	0.1824 0.2547 0.2547	1.7522 1.7182 1.7182							

TABLE V
TAIL FIN FORCE AND MOMENT COEFFICIENTS

Run	Pt	Cd	See Key										
273	12	6	0.702	7.38	-0.0014	-0.0021	0.6938	1.0476	0.1715	0.0023	0.0592	0.0675	1.7256
			-0.0102	-0.0003	0.0034	-0.1797	1.8499	-0.1589	-0.0027	-0.0559	0.0855	1.7608	
			0.0093	-0.0003	0.0034	-0.1797	1.8499	-0.1589	-0.0027	-0.0559	0.0855	1.7608	
273	13	6	0.701	9.46	-0.0012	-0.0017	0.7342	1.0132	0.2041	-0.0042	0.0710	-0.1052	1.7408
			-0.0084	-0.0007	0.0036	-0.4232	2.2291	-0.1922	0.0039	-0.0682	-0.1038	1.7744	
			0.0082	-0.0007	0.0036	-0.4232	2.2291	-0.1922	0.0039	-0.0682	-0.1038	1.7744	
273	14	6	0.702	11.51	-0.0010	-0.0019	0.7510	1.3428	0.2148	-0.0085	0.0716	-0.1982	1.6681
			-0.0071	-0.0005	0.0034	-0.3154	2.1448	-0.2097	0.0105	-0.0723	-0.2523	1.7257	
			0.0080	-0.0005	0.0034	-0.3154	2.1448	-0.2097	0.0105	-0.0723	-0.2523	1.7257	
273	15	8	0.702	-0.54	-0.0014	-0.0017	0.7661	0.9264	-0.0221	-0.0037	-0.0010	0.8398	0.2485
			-0.0092	-0.0001	0.0025	-0.0836	1.9234	0.0110	-0.0008	0.0035	-0.3962	1.6273	
			0.0067	-0.0001	0.0025	-0.0836	1.9234	0.0110	-0.0008	0.0035	-0.3962	1.6273	

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	ϕ_A	P _s	CRT	P _L	P _{b1} P	P _{b2} P	W _a
5	7	1.197	35	0.00	57.9	1.1482	145.3	1.3829	1.0	3320
5	8	1.197	30	-0.00	84.5	1.1264	222.7	1.3553	1.3551	3320
5	9	1.198	23	-0.00	106.1	1.0794	222.7	1.3553	1.3551	3320
5	10	1.198	19	-0.00	154.3	0.0124	422.7	1.3553	1.3551	3320
5	19	1.198	19	-0.00	199.3	0.9634	559.8	1.3553	1.3551	3320
5	20	1.200	21	-0.00	1281.5	0.5367	791.4	1.3553	1.3551	3320
5	21	1.198	24	-0.00	466.7	0.3074	1326.4	1.3553	1.3551	3320
5	22	1.199	25	-0.00	581.7	1.1619	1666.4	1.3553	1.3551	3320
6	1	1.000	30	0.00	57.6	1.0053	145.3	1.3829	1.0	3320
6	6	1.000	29	-0.00	285.0	1.1672	222.7	1.3553	1.3551	3320
6	7	1.002	35	-0.00	204.8	0.6743	573.0	1.3553	1.3551	3320
6	8	1.002	30	-0.00	156.5	0.4737	436.3	1.3553	1.3551	3320
6	9	1.001	31	-0.00	106.4	0.7949	222.7	1.3553	1.3551	3320
6	10	1.001	27	-0.00	77.7	1.1794	157.0	1.3553	1.3551	3320
6	11	1.001	30	-0.00	58.5	0.3226	157.0	1.3553	1.3551	3320
6	12	1.002	30	0.00	58.5	0.0426	157.0	1.3553	1.3551	3320
7	1	0.902	45	0.00	7.0	0.867	155.3	0.9299	0.0	3320
7	2	0.902	46	-0.00	59.7	0.5095	222.7	0.9299	0.0	3320
7	3	0.902	44	-0.00	82.5	0.8529	222.7	0.9299	0.0	3320
7	4	0.902	44	-0.00	109.6	1.1409	222.7	0.9299	0.0	3320
7	5	0.902	44	-0.00	156.0	0.5103	222.7	0.9299	0.0	3320
7	6	0.901	46	-0.00	224.4	0.7269	222.7	0.9299	0.0	3320
7	7	0.901	44	-0.00	224.4	1.2090	222.7	0.9299	0.0	3320
8	1	0.685	56	0.00	9.3	0.1738	131.1	0.5511	0.0	3320
8	2	0.685	59	-0.00	70.5	0.6645	222.7	0.5511	0.0	3320
8	3	0.684	56	-0.00	145.5	1.1433	222.7	0.5511	0.0	3320
8	4	0.685	56	-0.00	209.1	0.7770	222.7	0.5511	0.0	3320
8	5	0.685	56	-0.00	144.9	0.5123	222.7	0.5511	0.0	3320
8	6	0.685	56	-0.00	106.0	0.3252	222.7	0.5511	0.0	3320
8	7	0.685	56	-0.00	55.8	0.2592	222.7	0.5511	0.0	3320
8	8	0.685	56	0.00	55.8	0.1457	222.7	0.5511	0.0	3320
8	9	0.686	55	0.00	55.8	0.0257	222.7	0.5511	0.0	3320
8	10	0.686	55	0.00	55.8	0.0145	222.7	0.5511	0.0	3320
9	4	0.400	60	-0.00	121.6	1.1672	339.6	1.0429	1.0	3320
9	5	0.399	72	-0.00	121.6	1.1712	339.6	1.0429	1.0	3320
9	6	0.399	70	-0.00	123.3	1.1994	339.6	1.0429	1.0	3320

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	φ _A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
9	7	0.397	-1.24	-0.00	123.9	12.0168	343.6	1.0485	1.0506	9056
9	8	0.398	-0.68	-0.00	121.1	11.7248	341.4	1.0501	1.0507	9056
9	9	0.398	-0.27	-0.00	122.1	11.8877	341.4	1.0501	1.0507	9056
9	10	0.398	-0.27	-0.00	123.9	12.0050	347.6	1.0517	1.0521	9056
9	11	0.398	1.29	-0.00	123.9	12.0052	347.1	1.0507	1.0511	9056
9	12	0.398	1.27	-0.00	123.9	12.0472	346.7	1.0517	1.0521	9056
9	13	0.398	-0.71	-0.00	123.7	11.9745	346.7	1.0517	1.0521	9056
10	1	0.400	-4.66	-0.00	5.1	-0.0154	466.9	0.9886	0.9887	0.4039
10	2	0.399	-2.73	-0.00	5.1	-0.0160	466.9	0.9887	0.9887	0.4039
10	3	0.400	-1.73	-0.00	5.1	-0.0161	466.9	0.9887	0.9887	0.4039
10	4	0.401	-1.22	-0.00	5.1	-0.0166	466.9	0.9887	0.9887	0.4039
10	5	0.401	-0.69	-0.00	5.1	-0.0166	466.9	0.9887	0.9887	0.4039
10	6	0.401	-0.26	-0.00	5.1	-0.0166	466.9	0.9887	0.9887	0.4039
10	7	0.402	0.29	-0.00	5.1	-0.0166	466.9	0.9887	0.9887	0.4039
10	8	0.400	1.29	-0.00	5.1	-0.0166	466.9	0.9887	0.9887	0.4039
10	9	0.400	5.23	-0.00	5.1	-0.0166	466.9	0.9887	0.9887	0.4039
10	10	0.401	7.25	-0.00	5.1	-0.0166	466.9	0.9887	0.9887	0.4039
10	11	0.398	9.27	-0.00	5.1	-0.0166	466.9	0.9887	0.9887	0.4039
10	12	0.399	11.27	-0.00	5.1	-0.0166	466.9	0.9887	0.9887	0.4039
10	13	0.398	-10.72	-0.00	5.1	-0.0166	466.9	0.9887	0.9887	0.4039
11	1	0.399	-4.63	-0.00	6.3	8.640	177.8	1.0346	1.0346	5239
11	2	0.400	-2.73	-0.00	6.3	8.622	178.0	1.0346	1.0346	5239
11	3	0.400	-1.70	-0.00	6.3	8.622	178.0	1.0346	1.0346	5239
11	4	0.401	-1.21	-0.00	6.3	8.622	178.0	1.0346	1.0346	5239
11	5	0.401	-0.74	-0.00	6.3	8.622	178.0	1.0346	1.0346	5239
11	6	0.401	-0.25	-0.00	6.3	8.622	178.0	1.0346	1.0346	5239
11	7	0.402	0.28	-0.00	6.3	8.622	178.0	1.0346	1.0346	5239
11	8	0.402	1.28	-0.00	6.3	8.622	178.0	1.0346	1.0346	5239
11	9	0.401	5.27	-0.00	6.3	8.622	178.0	1.0346	1.0346	5239
11	10	0.401	7.27	-0.00	6.3	8.622	178.0	1.0346	1.0346	5239
11	11	0.401	9.25	-0.00	6.3	8.622	178.0	1.0346	1.0346	5239
11	12	0.401	11.30	-0.00	6.3	8.622	178.0	1.0346	1.0346	5239
11	13	0.401	-10.70	-0.00	6.3	8.622	178.0	1.0346	1.0346	5239
11	14	0.401	-4.58	-0.00	6.3	8.622	178.0	1.0346	1.0346	5239
12	4	0.702	-2.58	-0.00	6.3	8.622	178.0	1.0346	1.0346	5239
12	5	0.700	-1.07	-0.00	6.3	8.622	178.0	1.0346	1.0346	5239
12	6	0.700	-1.07	-0.00	6.3	8.622	178.0	1.0346	1.0346	5239
12	7	0.701	-10.59	-0.00	6.3	8.622	178.0	1.0346	1.0346	5239

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	ϕ_A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
12	9	0.701	-0.10	0.00	6.6	0.0752	3.2	0.9526	0.9519	7.361
12	10	0.700	-0.48	0.00	6.6	0.0753	3.1	0.9533	0.9527	7.363
12	11	0.701	1.47	0.00	6.6	0.0754	3.1	0.9529	0.9519	7.362
12	12	0.700	3.46	0.00	7.0	0.0931	3.5	0.9509	0.9479	7.361
12	13	0.701	5.37	0.00	7.0	0.0933	3.4	0.9464	0.9436	7.360
12	14	0.700	7.40	0.00	7.0	0.0934	3.4	0.9383	0.9346	7.359
12	15	0.701	9.38	0.00	7.2	0.0959	3.2	0.9313	0.9290	7.358
12	16	0.700	11.45	0.00	6.8	0.0834	3.5	0.9252	0.9261	7.357
12	17	0.700	-0.58	-0.00	7.2	0.1010	3.1	0.9522	0.9519	7.356
13	1	0.699	4.47	-0.00	11.4	1.736	3.1	1.0077	1.078	2.690
13	2	0.700	-2.61	-0.00	11.4	1.722	3.1	1.1166	1.190	2.700
13	3	0.700	-1.56	-0.00	11.4	1.821	3.5	1.1185	1.197	2.693
13	4	0.699	-1.09	-0.00	11.4	1.857	3.1	1.1195	1.165	2.701
13	5	0.699	-0.59	-0.00	11.4	2.030	3.1	1.1189	1.165	2.701
13	6	0.700	-0.08	-0.00	11.5	2.034	3.1	1.1197	1.165	2.702
13	7	0.700	0.38	-0.00	11.4	1.704	3.1	1.1181	1.150	2.702
13	8	0.700	1.45	-0.00	11.4	1.657	3.1	1.1161	1.150	2.702
13	9	0.699	3.46	-0.00	11.4	1.874	3.1	1.1121	1.113	2.702
13	10	0.701	-0.59	-0.00	11.5	1.199	3.1	1.1121	1.113	2.702
14	1	0.701	4.59	-0.00	15.9	5.890	4.4	1.0595	1.205	3.961
14	2	0.701	-2.54	-0.00	15.9	5.946	4.4	1.0595	1.205	3.961
14	3	0.701	-1.53	-0.00	15.9	5.932	4.4	1.0595	1.205	3.961
14	4	0.701	-1.05	-0.00	15.9	5.767	4.4	1.0595	1.205	3.961
14	5	0.700	-0.11	-0.00	15.9	5.678	4.4	1.0595	1.205	3.961
14	6	0.701	0.37	-0.00	15.9	5.663	4.4	1.0595	1.205	3.961
14	7	0.701	1.34	-0.00	15.9	5.682	4.4	1.0595	1.205	3.961
14	8	0.702	3.36	-0.00	15.9	5.712	4.4	1.0595	1.205	3.961
14	9	0.701	5.39	-0.00	15.9	5.724	4.4	1.0595	1.205	3.961
14	10	0.700	7.39	-0.00	15.9	5.724	4.4	1.0595	1.205	3.961
14	11	0.700	9.41	-0.00	15.9	5.768	4.4	1.0595	1.205	3.961
14	12	0.700	11.06	-0.00	15.9	5.768	4.4	1.0595	1.205	3.961
14	13	0.702	-0.60	-0.00	15.9	5.768	4.4	1.0595	1.205	3.961
15	1	0.701	4.52	-0.00	27.1	10.845	7.6	1.2306	1.250	7.353
15	2	0.703	-2.56	-0.00	27.1	9.909	7.6	1.1340	1.150	7.353
15	3	0.700	-1.53	-0.00	27.1	9.984	7.6	1.1340	1.150	7.353
15	4	0.700	-1.06	-0.00	27.2	10.206	7.6	1.1340	1.150	7.353
15	5	0.700	-0.06	-0.00	27.2	10.320	7.6	1.1340	1.150	7.353
15	6	0.699	0.36	-0.00	27.3	10.153	7.6	1.1340	1.150	7.353

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	φ _A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
15	8	0.699	1.41	-0.00	274.6	10.1166	769.0	1.1785	1.1534	7.1613
15	9	0.699	3.39	-0.00	276.9	10.3827	771.2	1.1607	1.1559	7.1601
16	15	0.901	-4.38	0.00	5.7	0.0551	9	0.9049	0.9053	
16	16	0.901	-2.43	0.00	5.2	0.0495	9	0.9116	0.9131	
16	17	0.900	-1.42	0.00	6.2	0.0617	9	0.9124	0.9139	
16	18	0.900	-0.96	0.00	6.2	0.0613	9	0.9127	0.9141	
16	19	0.900	-0.48	0.00	6.2	0.0611	9	0.9127	0.9136	
16	20	0.898	0.02	0.00	6.6	0.0728	9	0.9132	0.9147	
16	21	0.901	0.04	0.00	6.6	0.0728	9	0.9132	0.9147	
16	22	0.900	0.56	0.00	6.8	0.0784	9	0.9132	0.9147	
16	23	0.901	1.57	0.00	6.8	0.0787	9	0.9132	0.9147	
16	24	0.901	3.54	0.00	7.1	0.0849	9	0.9097	0.9092	
16	25	0.899	5.54	0.00	7.1	0.0913	9	0.8877	0.8763	
16	26	0.901	7.54	0.00	7.3	0.0915	9	0.8877	0.8763	
16	27	0.901	9.56	0.00	7.3	0.0977	9	0.8681	0.8639	
16	28	0.901	11.56	0.00	7.7	0.1043	9	0.8681	0.8639	
16	29	0.901	-0.37	0.00	7.7	0.1043	9	0.8681	0.8639	
17	1	0.900	-4.46	0.00	24.3	5.6645	614.9	1.9281	1.2771	5.720
17	2	0.901	-2.43	0.00	22.1	5.5825	611.1	1.9363	1.2897	4.638
17	3	0.901	-1.42	0.00	22.1	5.5406	611.1	1.9363	1.2897	4.638
17	4	0.900	-0.96	0.00	22.1	5.5406	611.1	1.9363	1.2897	4.638
17	5	0.900	-0.51	0.00	22.1	5.5406	611.1	1.9363	1.2897	4.638
17	6	0.899	0.02	0.00	22.1	5.5406	611.1	1.9363	1.2897	4.638
17	7	0.901	0.51	0.00	22.1	5.5406	611.1	1.9363	1.2897	4.638
17	8	0.901	1.57	0.00	22.1	5.5406	611.1	1.9363	1.2897	4.638
17	9	0.901	3.54	0.00	22.1	5.5406	611.1	1.9363	1.2897	4.638
17	10	0.901	5.54	0.00	22.1	5.5406	611.1	1.9363	1.2897	4.638
17	11	0.901	7.54	0.00	22.1	5.5406	611.1	1.9363	1.2897	4.638
17	12	0.899	9.56	0.00	22.1	5.5406	611.1	1.9363	1.2897	4.638
17	13	0.901	11.56	0.00	22.1	5.5406	611.1	1.9363	1.2897	4.638
18	1	0.900	-4.46	0.00	32.6	8.7863	904.9	2.5617	2.4619	8.346
18	2	0.901	-2.43	0.00	32.2	8.6154	892.2	2.5617	2.4619	8.346
18	3	0.901	-1.42	0.00	32.2	8.6154	892.2	2.5617	2.4619	8.346
18	4	0.901	-0.96	0.00	32.2	8.6154	892.2	2.5617	2.4619	8.346
18	5	0.901	-0.51	0.00	32.2	8.6154	892.2	2.5617	2.4619	8.346
18	6	0.899	0.02	0.00	32.2	8.6154	892.2	2.5617	2.4619	8.346
18	7	0.900	0.51	0.00	32.2	8.6154	892.2	2.5617	2.4619	8.346
18	8	0.900	1.57	0.00	32.2	8.6154	892.2	2.5617	2.4619	8.346
18	9	0.900	3.54	0.00	32.2	8.6154	892.2	2.5617	2.4619	8.346
18	10	0.900	5.54	0.00	32.2	8.6154	892.2	2.5617	2.4619	8.346
18	11	0.899	7.54	0.00	32.2	8.6154	892.2	2.5617	2.4619	8.346
18	12	0.900	9.56	0.00	32.2	8.6154	892.2	2.5617	2.4619	8.346
18	13	0.901	11.56	0.00	32.2	8.6154	892.2	2.5617	2.4619	8.346

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	φ _A	P _g	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
19	4	0.701	-4.46	-0.00	553.9	21.0439	1577.7	1.1786	1.1725	14.2620
19	5	0.701	-2.61	-0.00	549.8	20.6711	1564.9	1.1740	1.1626	14.2387
19	6	0.700	-1.52	-0.00	554.7	20.4588	1561.7	1.1756	1.1693	14.2379
19	7	0.700	-1.07	-0.00	553.0	20.4197	1579.0	1.1912	1.1893	14.2379
19	8	0.700	-0.50	-0.00	550.3	20.1976	1570.2	1.2082	1.2014	14.2328
19	9	0.701	-0.11	-0.00	548.7	20.5204	1568.5	1.2162	1.2148	14.2398
19	10	0.700	0.12	-0.00	551.0	20.4135	1562.3	1.2150	1.2044	14.2387
19	11	0.700	0.43	-0.00	547.3	20.0948	1567.5	1.1971	1.1745	14.2376
19	12	0.701	3.43	-0.00	550.0	19.9849	1567.5	1.1853	1.1745	14.2376
20	1	1.184	-4.35	-0.00	507.0	10.5291	1437.1	1.1853	1.1745	13.1834
20	2	1.200	-2.29	-0.00	505.7	10.2895	1431.0	1.1625	1.1493	13.1909
20	3	1.205	-1.27	-0.00	509.5	10.2444	1432.2	1.1460	1.1393	13.1967
20	4	1.202	-0.75	-0.00	509.5	10.4774	1443.2	1.1496	1.1503	13.2303
20	5	1.203	-0.23	-0.00	506.8	10.3588	1442.7	1.1535	1.1537	13.2478
20	6	1.204	0.18	-0.00	503.4	10.2195	1426.9	1.1555	1.1565	13.2069
20	7	1.201	0.72	-0.00	510.2	10.1283	1444.7	1.1547	1.1537	13.2565
20	8	1.198	1.72	-0.00	512.2	10.1651	1444.7	1.1547	1.1537	13.2565
21	1	1.203	-4.15	-0.00	338.6	6.8196	953.8	1.1561	1.1402	6.7197
21	2	1.204	-2.22	-0.00	343.8	6.9338	969.3	1.1756	1.1709	6.9102
21	3	1.204	-1.18	-0.00	345.3	7.0034	973.7	1.1807	1.1755	6.9251
21	4	1.203	-0.66	-0.00	344.9	6.9471	973.7	1.1931	1.1851	6.9498
21	5	1.203	-0.29	-0.00	347.6	6.9811	982.6	1.1930	1.1851	6.9798
21	6	1.203	0.19	-0.00	347.9	6.9560	982.6	1.1927	1.1851	6.9798
21	7	1.203	0.77	-0.00	348.1	6.9526	982.6	1.1941	1.1851	6.9798
21	8	1.203	1.71	-0.00	349.1	6.9758	986.1	1.1941	1.1851	6.9798
22	1	1.252	-4.17	-0.00	301.5	6.2291	849.1	1.1655	1.1436	7.4522
22	2	1.252	-2.34	-0.00	296.1	6.0629	836.6	1.1478	1.1346	7.4383
22	3	1.252	-1.20	-0.00	295.1	5.9948	833.0	1.1488	1.1346	7.4415
22	4	1.252	-0.64	-0.00	300.3	5.9978	846.1	1.1734	1.1520	7.4612
22	5	1.252	-0.27	-0.00	301.9	5.9912	847.8	1.1741	1.1520	7.4612
22	6	1.252	0.17	-0.00	302.9	5.9593	851.7	1.1546	1.1461	7.4612
22	7	1.252	0.70	-0.00	299.9	5.8600	845.1	1.1484	1.1355	7.4612
22	8	1.252	1.69	-0.00	299.9	5.8130	846.1	1.1403	1.1355	7.4612
23	1	1.203	-4.12	-0.00	285.9	5.7746	803.5	1.1427	1.1353	7.1941
23	2	1.203	-2.12	-0.00	291.3	5.4435	817.2	1.1461	1.1470	7.1624
23	3	1.203	-1.12	-0.00	288.6	5.7514	806.6	1.1459	1.1470	7.2297

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	φ _A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
33	4	1.203	-0.75	-0.00	288.68	5.7134	806.29	1.4677	1.5017	7.3026
33	5	1.203	-0.35	-0.00	286.9	5.6407	806.4	1.5202	1.5269	7.3333
33	6	1.204	0.19	-0.00	286.68	5.5852	804.4	1.5137	1.5109	7.3457
33	7	1.204	0.70	-0.00	286.68	5.5713	805.3	1.4663	1.4423	7.3420
33	8	1.203	1.74	-0.00	287.35	5.6046	806.2	1.3870	1.3304	7.4000
33	9	1.204	3.62	-0.00	287.35	5.6209	807.0	1.3571	1.3348	7.4361
33	10	1.204	5.63	-0.00	288.8	5.6455	808.5	1.3354	1.4145	7.4405
33	11	1.204	7.64	-0.00	288.8	5.6386	805.7	1.4188	1.4456	7.4405
33	12	1.204	9.64	-0.00	288.8	5.6386	805.7	1.4188	1.4456	7.4405
34	1	0.999	3.10	-0.00	253.9	6.3129	710.4	2.6619	3.0554	6.4407
34	2	1.002	4.27	-0.00	254.7	6.0849	696.5	2.5257	3.0554	6.4729
34	3	1.003	5.87	-0.00	255.0	6.0541	696.5	3.3634	3.4114	6.4659
34	4	1.000	7.36	-0.00	255.0	6.1549	693.3	4.1257	4.2835	6.4659
34	5	1.002	10.10	-0.00	255.0	6.2439	696.7	4.2635	4.3635	6.4659
34	6	1.003	16.10	-0.00	255.0	6.3543	696.7	4.4138	4.5021	6.4659
34	7	1.000	23.55	-0.00	255.0	6.4617	697.5	4.5693	4.6316	6.4659
34	8	1.003	35.64	-0.00	255.0	6.5677	699.9	4.7335	4.7992	6.4659
34	9	1.009	57.64	-0.00	255.0	6.8316	699.9	5.3535	5.4226	6.4659
34	10	1.004	9.65	-0.00	254.7	6.7459	699.9	5.3535	5.4226	6.4659
34	11	1.004	11.55	-0.00	254.8	6.7459	699.9	5.3535	5.4226	6.4659
34	12	1.004	11.55	-0.00	254.8	6.7459	699.9	5.3535	5.4226	6.4659
35	1	1.204	3.3	-0.00	203.7	4.4040	574.0	2.8355	3.4521	5.5307
35	2	1.204	1.9	-0.00	201.4	4.3203	576.6	2.4055	3.2371	5.5307
35	3	1.203	2.39	-0.00	201.4	4.3137	576.6	2.4139	3.2371	5.5307
35	4	1.204	2.09	-0.00	201.4	4.3137	576.6	2.4139	3.2371	5.5307
35	5	1.204	2.88	-0.00	202.0	4.3137	576.6	2.4139	3.2371	5.5307
35	6	1.203	3.87	-0.00	202.0	4.3137	576.6	2.4139	3.2371	5.5307
35	7	1.202	5.66	-0.00	201.8	4.3137	576.6	2.4139	3.2371	5.5307
35	8	1.202	7.72	-0.00	201.8	4.3137	576.6	2.4139	3.2371	5.5307
35	9	1.202	11.3	-0.00	200.0	4.3137	576.6	2.4139	3.2371	5.5307
35	10	1.202	13.72	-0.00	200.0	4.3137	576.6	2.4139	3.2371	5.5307
35	11	1.202	17.2	-0.00	200.0	4.3137	576.6	2.4139	3.2371	5.5307
35	12	1.202	22.2	-0.00	200.0	4.3137	576.6	2.4139	3.2371	5.5307
36	1	1.204	3.3	-0.00	123.0	2.5173	349.5	2.6550	1.6350	3.2504
36	2	1.204	1.9	-0.00	121.7	2.4340	346.9	2.3773	1.5760	3.2504
36	3	1.204	2.39	-0.00	119.9	2.4340	346.9	2.3773	1.5760	3.2504
36	4	1.204	2.88	-0.00	119.9	2.4340	346.9	2.3773	1.5760	3.2504
36	5	1.204	3.42	-0.00	119.9	2.4340	346.9	2.3773	1.5760	3.2504
36	6	1.204	4.2	-0.00	119.9	2.4340	346.9	2.3773	1.5760	3.2504
36	7	1.204	5.5	-0.00	119.9	2.4340	346.9	2.3773	1.5760	3.2504
36	8	1.204	7.2	-0.00	119.9	2.4340	346.9	2.3773	1.5760	3.2504
36	9	1.204	10.1	-0.00	119.9	2.4340	346.9	2.3773	1.5760	3.2504
36	10	1.204	13.7	-0.00	119.9	2.4340	346.9	2.3773	1.5760	3.2504

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	ϕ_A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
26	11	1.203	0.78	-0.00	120.3	2.4382	341.2	1.3887	1.3887	2.9744
26	12	1.202	1.68	-0.00	119.4	2.4262	338.1	1.3774	1.3528	2.9503
26	13	1.202	3.68	-0.00	119.4	2.4152	338.1	1.3248	1.2835	2.9577
27	1	1.202	4.24	0.00	3.1	0.0062	1110.5	0.7741	0.7767	0.8716
27	2	1.202	-2.30	0.00	3.1	0.0061	1107.0	0.7900	0.7888	0.8717
27	3	1.202	-1.27	0.00	3.1	0.0060	1104.8	0.7934	0.7923	0.8714
27	4	1.202	-0.79	0.00	3.1	0.0060	1103.5	0.7935	0.7898	0.8729
27	5	1.202	-0.31	0.00	3.1	0.0059	1102.6	0.7937	0.7913	0.8746
27	6	1.202	0.19	0.00	3.1	0.0059	1100.4	0.7949	0.7920	0.8643
27	7	1.202	0.74	0.00	3.1	0.0059	1099.5	0.7943	0.7909	0.8633
27	8	1.202	1.71	0.00	3.1	0.0059	1098.0	0.7935	0.7870	0.8621
27	9	1.205	3.63	0.00	3.1	0.0059	1095.1	0.7895	0.7759	0.8601
27	10	1.205	7.67	0.00	3.1	0.0059	1095.1	0.7895	0.7759	0.8601
27	11	1.205	9.67	0.00	3.1	0.0056	1094.4	0.7846	0.7278	0.8527
27	12	1.205	11.65	0.00	3.1	0.0056	1094.4	0.7846	0.7278	0.8527
27	13	1.203		0.00	3.1	0.0056	1094.4	0.7209	0.7155	0.8568
27	14	1.203		0.00	3.1	0.0056	1094.4	0.7123	0.7046	0.8619
28	1	1.003	5.23	-0.00	4.2	0.0139	1075.6	0.8420	0.8492	0.8466
28	2	1.001	-2.33	-0.00	4.2	0.0169	1072.9	0.8548	0.8576	0.7902
28	3	1.001	-1.29	-0.00	4.2	0.0170	1069.7	0.8580	0.8590	0.7891
28	4	1.003	-0.34	0.00	4.2	0.0179	1067.4	0.8602	0.8511	0.7857
28	5	1.001	0.16	0.00	4.2	0.0176	1065.9	0.8595	0.8505	0.8357
28	6	1.000	0.61	0.00	4.2	0.0176	1059.7	0.8608	0.8572	0.8324
28	7	1.001	1.71	0.00	4.2	0.0181	1055.4	0.8605	0.8482	0.8334
28	8	1.003	3.67	0.00	4.2	0.0189	1051.2	0.8614	0.8309	0.8334
28	9	1.003	7.67	0.00	4.2	0.0187	1048.6	0.8181	0.8097	0.7758
28	10	1.003	9.67	0.00	4.2	0.0089	1046.3	0.8044	0.8097	0.7758
28	11	1.005	11.70	-0.00	4.2	0.0091	1044.1	0.8044	0.7862	0.7744
28	12	1.005		-0.00	4.2	0.0091	1044.1	0.8044	0.7862	0.7744
28	13	1.005		-0.00	4.2	0.0091	1044.1	0.8044	0.7862	0.7744
28	14	1.005		-0.00	4.2	0.0091	1044.1	0.8044	0.7862	0.7744

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	φ _A	P _g	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _z
34	4	1.207	-4.34	-0.00	357.0	7.8003	1004.7	1.3935	1.3981	7.7325
34	5	1.207	-2.31	-0.00	344.9	7.5597	969.3	1.4335	1.4359	7.7339
34	6	1.206	-1.45	-0.00	344.9	7.5273	970.6	1.4766	1.4759	7.7359
34	7	1.206	-0.85	-0.00	345.8	7.5448	971.3	1.5083	1.5042	7.7476
34	8	1.206	-0.20	-0.00	345.2	7.4983	973.2	1.5430	1.5349	7.7635
34	9	1.206	0.14	-0.00	346.1	7.3355	970.2	1.5354	1.5354	7.7635
34	10	1.205	0.64	-0.00	345.4	7.2506	971.6	1.5140	1.5076	7.7301
34	11	1.205	1.68	-0.00	347.6	7.1416	974.6	1.4160	1.4363	7.7225
34	12	1.205	3.68	-0.00	347.6	7.0969	974.6	1.4160	1.4363	7.7225
35	1	1.206	-4.22	-0.00	287.5	9.004	804.4	0.4098	0.4098	7.4098
35	2	1.206	-2.97	-0.00	286.6	8.7847	804.4	0.4098	0.4098	7.4098
35	3	1.205	-1.27	-0.00	287.7	8.7353	805.4	0.4209	0.4209	7.4209
35	4	1.205	-0.29	-0.00	287.7	8.5510	805.4	0.4520	0.4520	7.4520
35	5	1.204	0.60	-0.00	287.3	8.5100	805.4	0.4677	0.4677	7.4677
35	6	1.204	1.71	-0.00	286.6	8.2040	803.5	0.5004	0.5004	7.5004
35	7	1.203	3.38	-0.00	286.6	7.6066	803.5	0.5111	0.5111	7.5111
35	8	1.203	4.21	-0.00	286.1	7.6475	803.5	0.5111	0.5111	7.5111
35	9	1.203	4.21	-0.00	286.1	7.6475	803.5	0.5111	0.5111	7.5111
36	1	1.204	-4.22	-0.00	202.7	4.4066	552.7	1.3333	1.3333	7.3333
36	2	1.204	-2.31	-0.00	202.7	4.2409	552.7	1.3333	1.3333	7.3333
36	3	1.204	-1.45	-0.00	201.2	4.1714	552.7	1.3333	1.3333	7.3333
36	4	1.204	-0.85	-0.00	201.2	4.0843	552.7	1.3333	1.3333	7.3333
36	5	1.204	-0.20	-0.00	202.0	4.0774	552.7	1.3333	1.3333	7.3333
36	6	1.204	0.14	-0.00	202.0	4.0585	552.7	1.3333	1.3333	7.3333
36	7	1.204	0.64	-0.00	202.3	4.0765	552.7	1.3333	1.3333	7.3333
36	8	1.204	1.68	-0.00	202.3	3.695	552.7	1.3333	1.3333	7.3333
36	9	1.204	3.68	-0.00	202.3	3.695	552.7	1.3333	1.3333	7.3333
37	1	1.205	-4.22	-0.00	119.9	2.222	335.5	1.2615	1.2615	2.2615
37	2	1.205	-2.31	-0.00	123.7	2.222	335.5	1.2615	1.2615	2.2615
37	3	1.205	-1.45	-0.00	121.2	2.222	335.5	1.2615	1.2615	2.2615
37	4	1.205	-0.85	-0.00	121.2	2.222	335.5	1.2615	1.2615	2.2615
37	5	1.205	-0.20	-0.00	120.4	2.222	335.5	1.2615	1.2615	2.2615
37	6	1.204	0.14	-0.00	119.9	2.222	335.5	1.2615	1.2615	2.2615
37	7	1.204	0.64	-0.00	120.4	2.222	335.5	1.2615	1.2615	2.2615
37	8	1.204	1.68	-0.00	121.2	2.222	335.5	1.2615	1.2615	2.2615
37	9	1.204	3.68	-0.00	121.2	2.222	335.5	1.2615	1.2615	2.2615
38	1	1.206	-4.22	-0.00	4.0	0.233	44.9	0.7870	0.7859	0.7859
38	2	1.206	-2.31	-0.00	4.0	0.233	44.9	0.7870	0.7859	0.7859
38	3	1.206	-1.45	-0.00	4.0	0.233	44.9	0.7870	0.7859	0.7859
38	4	1.206	-0.85	-0.00	4.0	0.233	44.9	0.7870	0.7859	0.7859
38	5	1.206	-0.20	-0.00	4.0	0.233	44.9	0.7870	0.7859	0.7859

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	ϕ_A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
38	5	1.205	-0.45	-0.00	4.0	0.0247	448.9	0.8101	0.0084	0.3940
38	6	1.204	-0.27	-0.00	4.3	0.0204	448.9	0.8097	0.0088	0.4001
38	8	1.203	0.56	-0.00	4.0	0.0252	621.7	0.8079	0.0085	0.4297
38	10	1.205	1.62	-0.00	4.0	0.0258	1015.7	0.8068	0.0080	0.4734
38	11	1.204	3.68	-0.00	4.0	0.0261	1131.5	0.7984	0.0056	0.9234
38	12	1.204	7.90	-0.00	4.0	0.0250	1132.4	0.7345	0.0055	0.9332
38	13	1.204	7.73	0.00	3.8	0.0208	1131.1	0.7380	0.0073	0.9317
39	1	1.005	3.0	-0.00	7.95	7.0536	831.0	1.3555	1.3561	7.907
39	2	1.007	3.8	-0.00	293.2	6.9510	834.0	1.3606	1.3762	7.909
39	3	1.004	4.0	-0.00	296.7	7.1685	835.0	1.3677	1.3957	7.936
39	4	1.005	4.29	-0.00	294.6	7.1078	835.5	1.4312	1.4045	7.959
39	5	1.005	4.16	-0.00	296.0	6.9949	836.6	1.4343	1.4368	7.971
39	6	1.004	4.54	-0.00	297.3	6.9769	840.0	1.4171	1.4347	7.973
39	7	1.006	4.53	-0.00	297.1	6.9074	840.0	1.4171	1.4336	7.973
39	8	1.003	4.53	-0.00	298.0	6.9651	840.0	1.4374	1.4367	7.973
40	1	1.006	4.27	-0.00	50.8	5.9881	704.6	1.3323	1.373	6.822
40	2	1.002	4.42	-0.00	53.7	5.8673	714.8	1.3313	1.3552	6.831
40	3	1.004	4.30	-0.00	53.4	5.8619	685.7	1.3371	1.3641	6.845
40	4	1.006	4.11	-0.00	53.4	5.8985	686.6	1.3415	1.3804	6.862
40	5	1.005	4.67	-0.00	54.7	5.9583	714.3	1.4147	1.4143	6.862
40	6	1.004	4.57	-0.00	54.7	5.9504	696.6	1.4147	1.4143	6.862
40	7	1.004	4.57	-0.00	54.7	5.9630	698.7	1.4147	1.4143	6.862
40	8	1.004	4.57	-0.00	54.7	5.9630	705.7	1.4147	1.4143	6.862
41	1	1.004	4.37	-0.00	71.8	4.1772	482.0	1.2643	1.3045	4.499
41	2	1.003	4.38	-0.00	170.3	4.1208	481.1	1.2643	1.3045	4.499
41	3	1.001	4.32	-0.00	168.1	4.0335	475.4	1.2643	1.3045	4.499
41	4	1.001	4.31	-0.00	168.6	4.0384	475.4	1.2643	1.3045	4.499
41	5	1.000	4.65	-0.00	168.6	4.0307	475.4	1.2643	1.3045	4.499
41	6	1.001	4.65	-0.00	168.6	4.0307	475.4	1.2643	1.3045	4.499
41	7	1.001	4.65	-0.00	168.6	4.0307	475.4	1.2643	1.3045	4.499
41	8	1.001	4.65	-0.00	168.6	4.0307	475.4	1.2643	1.3045	4.499
42	1	1.003	4.32	-0.00	11.5	2.6327	312.9	1.2217	1.2278	2.777
42	2	1.002	4.37	-0.00	11.5	2.6345	310.9	1.2217	1.2278	2.777
42	3	1.000	4.37	-0.00	109.7	2.5945	305.6	1.2217	1.2278	2.777

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	φ _A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
42	4	1.0001	0.94	0.00	109.4	3.5601	306.3	1.2594	1.2575	7.415
42	5	1.0002	-0.29	-0.00	108.4	3.5603	304.7	1.2569	1.2506	7.146
42	6	1.0003	0.55	-0.00	108.6	3.5588	303.6	1.2574	1.2555	7.149
42	7	1.0002	1.54	-0.00	107.7	3.5373	303.0	1.2554	1.2555	6.916
42	8	1.0002	3.65	-0.00	106.6	3.5593	303.4	1.2571	1.2565	6.816
43	1	1.0001	4.59	-0.00	4.9	0.0345	390.1	0.8722	0.8732	0.3709
43	2	1.0002	-2.58	-0.00	4.4	0.0342		0.8831	0.8823	
43	3	1.0001	-1.02	-0.00	4.5	0.0233		0.8828	0.8841	
43	4	1.0002	0.51	-0.00	4.7	0.0286		0.8820	0.8776	
43	5	1.0004	-0.30	-0.00	4.7	0.0286		0.8828	0.8815	
43	6	1.0002	0.48	-0.00	4.7	0.0284		0.8814	0.8835	
43	7	1.0000	1.54	-0.00	4.7	0.0282		0.8828	0.8838	
43	8	1.0001	3.58	-0.00	4.9	0.0335		0.8837	0.8838	
43	9	1.0003	9.74	-0.00	4.2	0.0174		0.8775	0.8751	
43	10	1.0004	9.66	-0.00	4.2	0.0282		0.8822	0.8797	
44	4	0.9022	4.15	-0.00	328.4	8.887	925.4	1.2957	1.2955	2.037
44	5	0.9022	-2.53	-0.00	324.7	8.7221	914.6	1.2957	1.2950	2.031
44	6	0.9022	1.05	-0.00	326.4	8.5454	905.0	1.2964	1.2948	2.039
44	7	0.9022	-1.04	-0.00	324.3	8.7254	905.0	1.2973	1.2943	2.039
44	8	0.9023	0.43	-0.00	324.4	8.5070	905.0	1.2959	1.2943	2.039
44	9	0.9023	-0.53	-0.00	322.3	8.3873	905.0	1.2940	1.2926	2.039
44	10	0.9023	1.44	-0.00	323.5	8.3271	905.0	1.2977	1.2949	2.039
44	11	0.902	3.44	-0.00	323.5	8.3710	905.0	1.2987	1.2959	2.039
44	12	0.902	1.3	-0.00	323.5	8.3710	905.0	1.2987	1.2959	2.039
45	1	0.903	4.56	-0.00	319.5	8.325	915.6	1.2947	1.2908	5.776
45	2	0.904	-2.48	-0.00	312.3	8.255	915.6	1.2947	1.2908	5.776
45	3	0.902	1.1	-0.00	320.0	8.5610	927.7	1.2968	1.2926	5.653
45	4	0.904	-1.04	-0.00	320.0	8.3368	916.7	1.2947	1.2908	5.653
45	5	0.904	0.42	-0.00	321.7	8.5376	907.5	1.2972	1.2941	5.653
45	6	0.903	-0.46	-0.00	321.8	8.3762	907.5	1.2972	1.2941	5.653
45	7	0.902	1.51	-0.00	321.6	8.508	912.0	1.2968	1.2901	5.552
45	8	0.902	3.49	-0.00	321.6	8.508	912.0	1.2968	1.2901	5.552
46	1	0.903	4.58	-0.00	157.3	4.131	437.8	1.2027	1.2296	9.189
46	2	0.902	-2.37	-0.00	157.5	4.156	438.7	1.2027	1.2296	9.189
46	3	0.902	1.2	-0.00	160.0	4.186	444.8	1.2027	1.2296	9.189

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	ϕ_A	P _g	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
46	4	0.903	-1.49	-0.00	157.3	4.0780	437.3	1.2536	1.2607	53.0
46	5	0.903	-1.03	-0.00	156.4	4.0355	436.7	1.2645	1.2609	53.1
46	6	0.903	-0.47	-0.00	157.0	4.0366	438.7	1.2645	1.2609	53.4
46	7	0.903	-0.04	-0.00	155.7	4.0928	434.7	1.2630	1.2601	53.4
46	8	0.903	0.54	-0.00	156.8	4.0121	436.4	1.2630	1.2601	53.5
46	9	0.903	1.57	-0.00	159.1	4.0624	444.8	1.2568	1.2571	54.1
46	10	0.903	3.57	-0.00	159.5	4.0629	444.4	1.2348	1.2212	54.7
47	1	0.904	-4.72	-0.00	5.19	0.306	918.3	0.9183	0.9183	53.0
47	2	0.904	-2.66	-0.00	5.4	0.0250	914.2	0.9251	0.9251	53.1
47	3	0.904	-1.73	-0.00	5.1	0.0312	915.2	0.9251	0.9251	53.4
47	4	0.903	-1.16	-0.00	5.1	0.0315	915.2	0.9251	0.9251	53.4
47	5	0.904	-0.65	-0.00	5.1	0.0319	915.2	0.9251	0.9251	53.4
47	6	0.902	-0.48	-0.00	5.1	0.0201	915.2	0.9251	0.9251	53.4
47	7	0.903	-0.16	-0.00	5.1	0.0268	915.2	0.9251	0.9251	53.4
47	8	0.903	0.41	-0.00	5.1	0.0268	915.2	0.9251	0.9251	53.4
47	9	0.902	1.44	-0.00	5.1	0.0333	915.2	0.9251	0.9251	53.4
47	10	0.903	3.54	-0.00	5.1	0.0333	915.2	0.9251	0.9251	53.4
47	11	0.903	5.54	0.00	5.1	0.0333	915.2	0.9251	0.9251	53.4
47	12	0.903	9.54	0.00	5.1	0.0333	915.2	0.9251	0.9251	53.4
48	1	0.704	-4.79	-0.00	6.22	0.6647	959.8	0.9598	0.9622	73.0
48	2	0.704	-2.76	-0.00	6.5	0.0667	961.9	0.9619	0.9622	73.0
48	3	0.706	-1.77	-0.00	6.5	0.0496	962.6	0.9626	0.9622	73.0
48	4	0.701	-1.22	-0.00	6.5	0.0497	963.1	0.9631	0.9622	73.0
48	5	0.703	-0.55	-0.00	6.5	0.0487	963.4	0.9634	0.9622	73.0
48	6	0.703	-0.23	-0.00	6.5	0.0558	963.4	0.9634	0.9622	73.0
48	7	0.703	0.27	-0.00	6.5	0.0557	963.4	0.9634	0.9622	73.0
48	8	0.703	1.28	-0.00	6.5	0.0556	963.4	0.9634	0.9622	73.0
48	9	0.703	3.40	-0.00	6.5	0.0556	963.4	0.9634	0.9622	73.0
48	10	0.703	5.39	-0.00	6.5	0.0556	963.4	0.9634	0.9622	73.0
48	11	0.704	9.39	0.00	6.5	0.0471	963.4	0.9634	0.9622	73.0
48	12	0.704	13.39	0.00	6.5	0.0471	963.4	0.9634	0.9622	73.0
49	1	0.703	-4.58	-0.00	11.2	4.59	311.2	1.0832	1.1234	73.0
49	2	0.703	-2.59	-0.00	11.2	4.11	311.2	1.1234	1.1234	73.0
49	3	0.703	-1.57	-0.00	11.2	4.13	311.2	1.1234	1.1234	73.0
49	4	0.703	-0.53	-0.00	11.2	4.14	311.2	1.1234	1.1234	73.0
49	5	0.703	0.53	-0.00	11.2	4.14	311.2	1.1234	1.1234	73.0
49	6	0.703	1.53	-0.00	11.2	4.14	311.2	1.1234	1.1234	73.0
49	7	0.703	3.53	-0.00	11.2	4.14	311.2	1.1234	1.1234	73.0
49	8	0.703	5.53	-0.00	11.2	4.14	311.2	1.1234	1.1234	73.0
49	9	0.703	9.53	-0.00	11.2	4.14	311.2	1.1234	1.1234	73.0
49	10	0.703	13.53	-0.00	11.2	4.14	311.2	1.1234	1.1234	73.0

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	φ _A	P _s	CRT	P _L	P _{b1} P	P _{b2} P	W _a
50	1	0.702	-4.58	-0.00	159.8	5.9061	44.5	1.1403	1.298	3.9276
50	2	0.703	-2.66	-0.00	158.1	5.8165	44.5	1.1403	1.298	3.9276
50	3	0.704	-1.17	-0.00	159.4	5.8241	44.5	1.1403	1.298	3.9276
50	4	0.703	-0.56	-0.00	158.1	5.7989	44.5	1.1403	1.298	3.9276
50	5	0.703	-0.21	-0.00	159.1	5.7773	44.5	1.1403	1.298	3.9276
50	6	0.703	0.33	-0.00	158.1	5.7412	44.5	1.1403	1.298	3.9276
50	7	0.703	1.33	-0.00	156.6	5.6690	44.5	1.1403	1.298	3.9276
50	8	0.703	3.37	-0.00	157.0	5.6690	44.5	1.1403	1.298	3.9276
50	9	0.703	3.37	-0.00	157.0	5.6690	44.5	1.1403	1.298	3.9276
51	1	0.704	-4.58	-0.00	267.2	10.0468	75.4	1.1403	1.298	6.7144
51	2	0.703	-2.66	-0.00	268.1	10.1026	75.4	1.1403	1.298	6.7144
51	3	0.703	-1.69	-0.00	266.7	10.0040	75.4	1.1403	1.298	6.7144
51	4	0.702	-1.11	-0.00	266.7	10.0040	75.4	1.1403	1.298	6.7144
51	5	0.702	-0.59	-0.00	270.0	10.2481	76.6	1.1403	1.298	6.7144
51	6	0.704	0.36	-0.00	272.2	10.3146	76.6	1.1403	1.298	6.7144
51	7	0.702	1.41	-0.00	272.2	10.2507	76.6	1.1403	1.298	6.7144
51	8	0.702	3.20	-0.00	272.2	10.3138	76.6	1.1403	1.298	6.7144
51	9	0.702	3.20	-0.00	272.2	10.3138	76.6	1.1403	1.298	6.7144
52	1	0.705	-4.58	-0.00	468.3	17.387	132.7	1.1403	1.298	11.9999
52	2	0.701	-2.66	-0.00	468.3	17.387	132.7	1.1403	1.298	11.9999
52	3	0.701	-1.69	-0.00	468.3	17.387	132.7	1.1403	1.298	11.9999
52	4	0.701	-1.11	-0.00	468.3	17.387	132.7	1.1403	1.298	11.9999
52	5	0.701	-0.59	-0.00	468.3	17.387	132.7	1.1403	1.298	11.9999
52	6	0.701	0.36	-0.00	468.3	17.387	132.7	1.1403	1.298	11.9999
52	7	0.702	1.41	-0.00	468.3	17.387	132.7	1.1403	1.298	11.9999
52	8	0.702	3.20	-0.00	468.3	17.387	132.7	1.1403	1.298	11.9999
52	9	0.702	3.20	-0.00	468.3	17.387	132.7	1.1403	1.298	11.9999
53	1	0.900	-4.58	-0.00	221.1	5.9179	61.7	1.1403	1.298	3.9276
53	2	0.899	-2.66	-0.00	221.1	5.9179	61.7	1.1403	1.298	3.9276
53	3	0.900	-1.69	-0.00	221.1	5.9179	61.7	1.1403	1.298	3.9276
53	4	0.900	-1.11	-0.00	221.1	5.9179	61.7	1.1403	1.298	3.9276
53	5	0.900	-0.59	-0.00	221.1	5.9179	61.7	1.1403	1.298	3.9276
53	6	0.901	0.36	-0.00	221.1	5.9179	61.7	1.1403	1.298	3.9276
53	7	0.901	1.41	-0.00	221.1	5.9179	61.7	1.1403	1.298	3.9276
53	8	0.901	3.20	-0.00	221.1	5.9179	61.7	1.1403	1.298	3.9276
53	9	0.901	3.20	-0.00	221.1	5.9179	61.7	1.1403	1.298	3.9276
54	1	0.998	-4.58	-0.00	244.8	5.9265	69.4	1.1403	1.298	6.0266
54	2	1.000	-2.66	-0.00	250.8	6.0363	70.6	1.1403	1.298	6.0266
54	3	1.000	-1.69	-0.00	255.5	6.1253	72.4	1.1403	1.298	6.0266

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	ϕ_A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
54	4	1.001	-0.34	-45.00	245.17	5.8339	694.8	1.3744	1.3965	6.0904
54	5	1.003	-0.15	-45.00	244.77	5.7824	693.5	1.3889	1.4033	6.0478
54	6	1.000	0.72	-45.00	244.5	5.7891	693.7	1.4008	1.4397	6.0982
54	7	1.000	1.63	-44.99	244.15	5.7030	693.9	1.4008	1.4397	6.0913
54	8	0.998	3.75	-44.99	244.15	5.6920	691.3	1.3894	1.4365	6.1205
55	1	1.207	15	-45.99	291.8	5.9587	823.5	1.3643	1.4090	7.0305
55	2	1.205	-2.25	-45.00	284.14	5.8154	801.6	1.4153	1.4304	7.1569
55	3	1.204	-1.73	-45.00	285.14	5.8510	801.4	1.4345	1.4473	7.1631
55	4	1.203	-0.22	-45.00	285.66	5.9507	803.1	1.4523	1.4886	7.1944
55	5	1.204	0.68	-45.00	284.8	5.8548	800.1	1.4790	1.4856	7.1887
55	6	1.203	1.83	-44.99	282.1	5.7988	796.1	1.4492	1.4339	7.2216
55	7	1.204	3.83	-44.99	282.1	5.8426	799.2	1.4392	1.4389	7.2112
56	4	1.204	5.7	-44.99	333.3	0.031	781.2	0.7812	0.7996	4.7896
56	5	1.203	-2.48	-44.99	333.3	0.0102	780.6	0.8062	0.8035	4.7996
56	6	1.203	-1.58	-44.99	333.3	0.0102	780.6	0.8062	0.8035	4.7996
56	7	1.204	-0.50	-44.99	333.3	0.0146	780.6	0.8062	0.8035	4.7996
56	8	1.201	-0.20	-44.99	333.3	0.0146	780.6	0.8062	0.8035	4.7996
56	9	1.204	0.54	-44.99	333.3	0.0146	780.6	0.8062	0.8035	4.7996
56	10	1.203	0.57	-44.99	333.3	0.0146	780.6	0.8062	0.8035	4.7996
56	11	1.204	1.62	-44.99	333.3	0.0196	780.6	0.8062	0.8035	4.7996
56	12	1.205	3.99	-44.99	333.3	0.0196	780.6	0.8062	0.8035	4.7996
56	13	1.204	5.88	-44.99	333.3	0.0237	780.6	0.8062	0.8035	4.7996
56	14	1.205	0.24	-44.99	333.3	0.0237	780.6	0.8062	0.8035	4.7996
56	15	1.205	0.24	-44.99	333.3	0.0237	780.6	0.8062	0.8035	4.7996
57	1	1.000	1.67	-45.00	5.07	0.0349	852.3	0.8523	0.8558	5.8558
57	2	1.000	-2.59	-45.00	5.07	0.0349	852.3	0.8523	0.8558	5.8558
57	3	1.000	-1.07	-44.99	5.07	0.0349	852.3	0.8523	0.8558	5.8558
57	4	1.000	0.52	-44.99	5.07	0.0349	852.3	0.8523	0.8558	5.8558
57	5	1.000	0.52	-44.99	5.07	0.0349	852.3	0.8523	0.8558	5.8558
57	6	1.000	0.11	-44.99	5.07	0.0349	852.3	0.8523	0.8558	5.8558
57	7	1.000	0.46	-44.99	5.07	0.0349	852.3	0.8523	0.8558	5.8558
57	8	1.000	1.51	-44.99	5.07	0.0349	852.3	0.8523	0.8558	5.8558
57	9	1.001	3.56	-44.99	5.07	0.0349	852.3	0.8523	0.8558	5.8558
57	10	1.001	5.61	-44.99	5.07	0.0349	852.3	0.8523	0.8558	5.8558
58	4	0.902	-4.67	-45.00	4.6	0.0198	917.1	0.9171	0.9169	0.9169

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	ϕ_A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
58	5	0.901	-2.69	-45.00	4.8	0.0268	0	0.9219	0.9233	3
58	6	0.902	-1.69	-44.99	4.5	0.0258	0	0.9243	0.9240	4
58	7	0.899	-1.14	-44.99	4.5	0.0234	0	0.9243	0.9240	5
58	8	0.901	-0.66	-44.99	4.5	0.0254	0	0.9236	0.9225	6
58	9	0.899	-0.15	-44.99	4.5	0.0172	0	0.9246	0.9235	7
58	10	0.898	0.38	-45.00	4.5	0.0248	0	0.9235	0.9230	8
58	11	0.902	1.43	-45.00	4.5	0.0250	0	0.9219	0.9198	9
58	12	0.903	3.58	-44.99	4.5	0.0437	0	0.9213	0.9165	10
58	13	0.901	9.58	-44.99	5.5	0.0380	0	0.9213	0.9165	11
58	14	0.902	9.56	-44.99	5.5	0.0380	0	0.9213	0.9165	12
58	15	0.902	-0.45	-44.99	5.5	0.0375	0	0.9219	0.9211	13
58	16	0.902	-0.45	-44.99	5.5	0.0375	0	0.9219	0.9211	14
59	1	0.702	-4.74	-44.99	6.4	0.0143	0	0.9566	0.9550	15
59	2	0.701	-2.78	-44.99	6.6	0.0714	0	0.9591	0.9591	16
59	3	0.701	-1.23	-44.99	6.6	0.0543	0	0.9601	0.9593	17
59	4	0.702	-0.67	-44.99	6.6	0.0542	0	0.9603	0.9603	18
59	5	0.701	-0.52	-44.99	6.6	0.0538	0	0.9601	0.9604	19
59	6	0.702	0.25	-44.99	6.6	0.0538	0	0.9606	0.9597	20
59	7	0.703	1.32	-44.99	6.6	0.0537	0	0.9606	0.9597	21
59	8	0.701	3.41	-44.99	6.5	0.0550	0	0.9597	0.9597	22
59	9	0.701	9.42	-44.99	6.5	0.0534	0	0.9477	0.9477	23
59	10	0.701	-0.55	-44.99	6.5	0.0534	0	0.9477	0.9477	24
59	11	0.701	-0.55	-44.99	6.5	0.0534	0	0.9477	0.9477	25
59	12	0.700	-0.55	-44.99	6.5	0.0534	0	0.9477	0.9477	26

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	φ _A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
63	4	1.205	-4.06	-44.99	-2.7	-0.1140		0.8313	0.8336	
63	5	1.204	-1.97	-44.99	-2.4	-0.1140		0.8476	0.8443	
63	6	1.205	-0.92	-44.99	-2.4	-0.1092		0.8491	0.8446	
63	7	1.205	-0.39	-44.99	-2.4	-0.1092		0.8485	0.8426	
63	8	1.206	0.18	-44.99	-2.2	-0.1043		0.8482	0.8431	
63	9	1.204	0.64	-44.99	-2.4	-0.1091		0.8480	0.8431	
63	10	1.206	1.21	-44.99	-2.2	-0.1042		0.8482	0.8413	
63	11	1.207	2.26	-44.99	-2.2	-0.0996		0.8463	0.8366	
63	12	1.205	4.34	-44.99	-2.2	-0.1044		0.8493	0.8170	
63	13	1.205	0.17	-44.99	-2.2	-0.1046		0.8483	0.8143	
64	1	1.004	-4.00	-45.00	-1.3	-0.1170		0.8869	0.8893	
64	2	1.003	-1.86	-44.99	-1.5	-0.1228		0.8990	0.8976	
64	3	1.005	-0.78	-44.99	-1.1	-0.1171		0.8998	0.8982	
64	4	1.002	-0.28	-44.99	-1.3	-0.1176		0.9026	0.8976	
64	5	1.004	0.83	-44.99	-1.1	-0.1173		0.8994	0.8947	
64	6	1.003	1.36	-44.99	-1.3	-0.1174		0.9023	0.8970	
64	7	1.003	2.41	-45.00	-1.5	-0.1228		0.8993	0.8931	
64	8	1.005	4.49	-44.99	-1.1	-0.1224		0.8850	0.8738	
65	6	0.902	-3.73	-45.00	-1.9	-0.1898		0.9271	0.9229	
65	7	0.903	-1.57	-45.00	-2.0	-0.1836		0.9311	0.9291	
65	8	0.903	-0.65	-45.00	-2.0	-0.1835		0.9316	0.9291	
65	9	0.903	0.13	-45.00	-2.4	-0.1774		0.9305	0.9281	
65	10	0.904	0.43	-44.99	-2.7	-0.1770		0.9304	0.9281	
65	11	0.903	0.95	-44.99	-2.4	-0.1771		0.9303	0.9270	
65	12	0.903	1.45	-45.00	-2.4	-0.1770		0.9301	0.9253	
65	13	0.903	2.51	-45.00	-2.7	-0.1770		0.9255	0.9187	
65	14	0.902	4.41	-44.99	-2.2	-0.1652		0.9258	0.9272	
66	1	0.702	-3.57	-44.99	-1.5	-0.2337		0.9585	0.9580	
66	2	0.703	-1.51	-44.99	-1.3	-0.2251		0.9608	0.9594	
66	3	0.703	-0.48	-44.99	-1.1	-0.2335		0.9608	0.9594	
66	4	0.702	0.02	-44.99	-1.3	-0.2335		0.9616	0.9603	
66	5	0.702	0.55	-44.99	-1.5	-0.2341		0.9613	0.9593	
66	6	0.702	1.00	-44.99	-1.8	-0.2333		0.9610	0.9583	
66	7	0.702	1.66	-44.99	-1.5	-0.2333		0.9612	0.9583	
66	8	0.702	2.40	-44.99	-1.1	-0.2334		0.9610	0.9559	
66	9	0.702	4.05	-44.99	-1.1	-0.2334		0.9608	0.9559	
66	10	0.702	0.54	-44.99	-1.1	-0.2334		0.9608	0.9559	

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	φ _A	p _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
68	0	0.703	4.56	-0.00	542.6	20.5967	1543.6	1.1687	1.1696	3.9206
68	21	0.703	4.56	-0.00	547.6	20.2641	1555.7	1.1911	1.1894	3.9246
68	22	0.703	4.56	-0.00	548.4	20.1715	1556.7	1.1916	1.1910	3.9246
68	23	0.702	4.59	-0.00	551.4	20.2811	1561.7	1.2084	1.2021	3.9246
68	24	0.702	4.59	-0.00	550.3	20.1511	1564.4	1.2079	1.2009	3.9246
68	25	0.703	4.55	-0.00	547.3	20.2566	1555.2	1.1910	1.2006	3.9220
68	26	0.701	4.52	-0.00	547.3	20.1373	1555.2	1.1830	1.1770	3.9220
68	27	0.702	4.53	-0.00	550.3	20.1971	1556.0	1.2095	1.2034	3.9210
68	28	0.702	4.61	-0.00	550.3	19.9243	1556.0	1.2095	1.2034	3.9210
69	0	0.907	4.38	-0.00	472.3	12.3726	1345.5	1.3055	1.2957	12.0850
69	5	0.907	4.41	-0.00	479.3	12.8264	1610.4	1.3551	1.3570	12.0850
69	6	0.919	4.39	-0.00	479.3	10.4373	1179.3	1.1567	1.1622	12.0850
69	7	0.927	4.36	-0.00	477.6	10.5720	1134.8	1.1897	1.1909	12.0850
69	8	0.902	4.36	-0.00	477.6	12.4684	1348.2	1.3297	1.3337	12.0850
69	9	0.904	4.30	-0.00	479.3	12.3729	1355.3	1.3449	1.3390	12.0850
69	10	0.901	4.47	-0.00	480.2	12.3959	1355.3	1.3554	1.3502	12.0850
69	11	0.903	4.40	-0.00	478.6	12.3774	1355.3	1.3554	1.3502	12.0850
69	12	0.902	4.49	-0.00	478.6	11.9791	1355.3	1.3554	1.3502	12.0850
69	13	0.904	4.49	-0.00	482.4	12.3771	1355.3	1.3554	1.3502	12.0850
69	14	0.904	4.52	-0.00	482.4	12.3771	1355.3	1.3554	1.3502	12.0850
69	15	0.904	4.52	-0.00	482.4	12.3771	1355.3	1.3554	1.3502	12.0850
70	1	1.004	4.28	-0.00	445.9	10.7175	1252.0	1.3088	1.3055	11.0898
70	2	1.004	4.39	-0.00	447.0	10.6234	1252.0	1.3088	1.3055	11.0898
70	3	1.003	4.38	-0.00	444.0	10.3134	1237.5	1.3088	1.3055	11.0898
70	4	1.002	4.35	-0.00	441.8	10.2094	1244.1	1.3088	1.3055	11.0898
70	5	1.002	4.37	-0.00	446.3	10.8818	1253.9	1.3088	1.3055	11.0898
70	6	1.001	4.67	-0.00	450.2	10.6077	1253.9	1.3088	1.3055	11.0898
70	7	1.004	4.52	-0.00	445.0	10.2571	1253.9	1.3088	1.3055	11.0898
70	8	1.003	4.62	-0.00	445.0	10.2571	1253.9	1.3088	1.3055	11.0898
71	1	0.406	4.66	-0.00	382.1	7.2875	1067.0	1.0635	1.0627	9.0898
71	2	0.405	4.74	-0.00	378.0	7.3483	1067.0	1.0635	1.0627	9.0898
71	3	0.405	4.74	-0.00	383.7	7.5432	1067.0	1.0635	1.0627	9.0898
71	4	0.405	4.74	-0.00	382.1	7.5432	1067.0	1.0635	1.0627	9.0898
71	5	0.406	4.74	-0.00	382.1	7.5432	1067.0	1.0635	1.0627	9.0898
71	6	0.405	4.74	-0.00	382.1	7.5432	1067.0	1.0635	1.0627	9.0898
71	7	0.405	4.74	-0.00	382.1	7.5432	1067.0	1.0635	1.0627	9.0898
71	8	0.405	4.74	-0.00	382.1	7.5432	1067.0	1.0635	1.0627	9.0898
71	9	0.405	4.74	-0.00	382.1	7.5432	1067.0	1.0635	1.0627	9.0898
71	11	0.405	4.74	-0.00	382.1	7.5432	1067.0	1.0635	1.0627	9.0898

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	φ _A	P _s	CR1	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
72	4	1.207	4.12	-0.00	352.6	7.3516	987.3	1.4467	3.733	8.383
72	5	1.208	-2.27	-0.00	350.5	7.2069	982.0	1.4518	3.478	8.140
72	6	1.207	-1.27	-0.00	353.9	7.1919	989.0	1.4689	3.500	8.100
72	7	1.205	-5.79	-0.00	347.5	6.8741	973.8	1.4689	3.519	8.384
72	8	1.206	-6.25	-0.00	349.4	6.8253	978.0	1.4893	3.516	8.384
72	9	1.206	-0.27	-0.00	349.7	7.1727	977.0	1.5220	3.544	8.103
72	10	1.205	0.63	-0.00	351.2	7.1666	981.9	1.5260	3.590	8.384
72	11	1.204	1.73	-0.00	354.4	7.1623	989.0	1.5172	3.436	8.384
72	12	1.204	3.70	0.00	351.5	7.0507	980.1	1.4500	3.566	8.384
73	1	0.901	4.41	-0.00	326.9	8.6548	908.5	1.8119	3.649	8.384
73	2	0.902	-2.31	-0.00	326.9	8.6067	906.7	1.2819	3.292	8.384
73	3	0.903	-1.47	-0.00	329.4	8.5578	917.0	1.2830	3.275	8.384
73	4	0.903	-0.87	-0.00	325.8	8.3864	901.6	1.3060	3.323	8.384
73	5	0.902	4.55	-0.00	325.8	8.3182	911.6	1.3250	3.366	8.384
73	6	0.902	0.05	-0.00	325.5	8.4241	905.9	1.3594	3.334	8.384
73	7	0.903	0.56	-0.00	325.5	8.5607	909.0	1.3594	3.334	8.384
73	8	0.903	1.53	-0.00	326.4	8.5191	913.4	1.3293	3.269	8.384
73	9	0.903	3.53	-0.00	326.4	8.4476	913.4	1.2993	3.269	8.384
74	1	1.003	4.24	-0.00	298.7	7.4147	832.6	1.3666	3.579	7.780
74	2	1.004	-2.26	-0.00	300.5	7.3943	834.0	1.3666	3.579	7.780
74	3	1.003	-1.26	-0.00	302.9	7.3883	834.0	1.3666	3.579	7.780
74	4	1.003	-0.76	-0.00	300.4	7.2612	835.1	1.3666	3.579	7.780
74	5	1.000	0.32	-0.00	300.5	7.2378	835.1	1.3666	3.579	7.780
74	6	1.000	0.17	-0.00	300.5	7.1915	835.1	1.3666	3.579	7.780
74	7	1.000	0.71	-0.00	300.7	7.1501	835.1	1.3666	3.579	7.780
74	8	1.003	1.62	-0.00	300.7	7.0924	835.1	1.3666	3.579	7.780
74	9	1.001	3.74	-0.00	309.6	7.0286	835.1	1.3666	3.579	7.780
74	10	1.002	5.74	-0.00	301.1	7.0260	835.1	1.3666	3.579	7.780
75	1	1.205	4.26	-0.00	287.7	6.0250	801.7	1.4598	3.689	7.780
75	2	1.205	-2.29	-0.00	289.0	6.0291	803.0	1.4598	3.689	7.780
75	3	1.205	-1.26	-0.00	287.7	6.0389	802.1	1.4598	3.689	7.780
75	4	1.205	-0.28	-0.00	288.0	6.0672	801.2	1.4598	3.689	7.780
75	5	1.204	0.15	-0.00	287.7	6.0127	802.3	1.4598	3.689	7.780
75	6	1.204	0.18	-0.00	287.7	6.0779	803.4	1.4598	3.689	7.780
75	7	1.204	1.76	-0.00	288.7	6.0570	803.4	1.4598	3.689	7.780
75	8	1.205	3.72	-0.00	288.7	6.0520	803.4	1.4598	3.689	7.780
75	9	1.205	5.72	-0.00	288.7	6.0520	803.4	1.4598	3.689	7.780
75	10	1.205	7.72	-0.00	288.7	6.0520	803.4	1.4598	3.689	7.780
75	11	1.205	9.72	-0.00	288.7	6.0520	803.4	1.4598	3.689	7.780

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	ϕ_A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
76	1	1.205	4.24	-0.00	204.0	4.0574	562.8	1.3277	1.3993	5.476
76	2	1.205	-2.29	-0.00	204.3	4.0466	562.5	1.3824	1.4078	5.147
76	3	1.204	-1.70	-0.00	204.8	4.0387	564.5	1.4076	1.4298	5.163
76	4	1.204	-0.30	-0.00	205.5	4.0439	566.7	1.4362	1.4516	5.187
76	5	1.206	0.24	-0.00	206.8	4.0440	567.6	1.4576	1.4637	5.180
76	6	1.204	0.72	-0.00	204.0	4.0894	563.5	1.4610	1.4461	5.181
76	7	1.204	1.70	-0.00	205.2	4.0051	565.0	1.4228	1.4061	5.189
76	8	1.204	3.75	-0.00	205.2	4.0944	565.0	1.4343	1.3231	5.188
77	4	1.206	4.18	-0.00	123.4	2.5376	342.5	1.2773	1.3098	3.020
77	5	1.205	-2.19	-0.00	122.0	2.4999	353.6	1.2210	1.3640	3.082
77	6	1.205	-1.75	-0.00	122.1	2.4721	353.6	1.2535	1.3701	3.098
77	7	1.205	-0.75	-0.00	122.1	2.4896	353.6	1.2634	1.3787	3.098
77	8	1.204	-0.26	-0.00	122.1	2.4864	353.6	1.2818	1.3777	3.020
77	9	1.205	0.68	-0.00	122.1	2.4934	353.6	1.2773	1.3812	3.024
77	10	1.205	1.75	-0.00	122.1	2.4633	353.6	1.2733	1.3512	3.024
77	11	1.205	3.90	-0.00	122.1	2.5035	353.7	1.2733	1.3286	3.021
77	12	1.205	4.29	-0.00	7.7	0.0187	441.7	0.7944	0.7917	0.394
78	1	1.204	-4.09	-0.00	3.3	0.0169	476.6	0.7922	0.7809	0.069
78	2	1.204	-2.35	-0.00	3.3	0.0219	476.6	0.8052	0.8020	0.410
78	3	1.206	-1.30	-0.00	3.3	0.0169	498.7	0.8119	0.8052	0.414
78	4	1.205	-0.86	-0.00	3.3	0.0258	498.7	0.8090	0.8054	0.416
78	5	1.204	-0.24	-0.00	3.3	0.0312	504.9	0.8090	0.8054	0.419
78	6	1.205	0.72	-0.00	3.3	0.0300	513.3	0.8090	0.8054	0.422
78	7	1.204	1.78	-0.00	3.3	0.0300	522.7	0.8059	0.8043	0.424
78	8	1.206	3.75	-0.00	3.3	0.0300	702.1	0.7978	0.7933	0.199
78	9	1.206	4.25	-0.00	3.3	0.0300	701.6	0.7933	0.7933	0.202
78	10	1.206	-2.35	-0.00	3.3	0.0196	701.6	0.7933	0.7933	0.203
79	1	1.007	-4.23	-0.00	252.8	6.0981	701.6	1.3260	1.3346	6.632
79	2	1.009	-2.29	-0.00	251.5	6.0796	700.0	1.3260	1.3346	6.632
79	3	1.003	-1.78	-0.00	251.5	5.9820	700.0	1.3260	1.3346	6.632
79	4	1.004	-0.78	-0.00	251.5	5.9820	700.0	1.3260	1.3346	6.632
79	5	1.003	-0.23	-0.00	251.5	5.9820	700.0	1.3260	1.3346	6.632
79	6	1.002	0.78	-0.00	251.5	5.9820	700.0	1.3260	1.3346	6.632
79	7	1.004	1.78	-0.00	251.5	5.9820	700.0	1.3260	1.3346	6.632
79	8	1.001	3.75	-0.00	251.5	5.9820	700.0	1.3260	1.3346	6.632
79	9	1.001	4.25	-0.00	251.5	5.9820	700.0	1.3260	1.3346	6.632
80	1	1.002	-4.26	-0.00	169.4	4.1220	469.1	1.2713	1.2998	4.135
80	2	1.001	-2.22	-0.00	169.4	4.1250	470.0	1.2713	1.3159	4.180

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	ϕ_A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
80	3	1.004	-1.32	-0.00	169.6	4.0924	470.4	1.343	1.3375	4.2148
80	4	1.004	-0.71	-0.00	169.4	4.0817	470.6	1.341	1.3419	4.2149
80	5	1.003	-0.26	-0.00	169.8	4.0837	469.3	1.345	1.3417	4.2223
80	6	1.003	0.19	-0.00	170.1	4.0818	470.4	1.348	1.3457	4.2234
80	7	1.004	0.69	-0.00	169.2	4.0506	469.6	1.347	1.3338	4.2263
80	8	1.005	1.79	-0.00	168.9	4.0319	469.6	1.342	1.3335	4.2271
80	9	1.003	3.72	-0.00	168.9	4.0323	469.6	1.312	1.2835	4.2553
81	1	1.002	-4.26	-0.00	114.2	7.935	513.5	1.234	1.2396	2.7999
81	2	1.002	-2.23	-0.00	112.1	7.220	507.7	1.252	1.2535	2.7418
81	3	1.002	-1.25	-0.00	111.7	6.853	507.7	1.265	1.2570	2.7501
81	4	1.004	-0.75	-0.00	112.1	6.741	507.7	1.268	1.2649	2.7525
81	5	1.004	-0.22	-0.00	111.9	6.601	507.7	1.270	1.2653	2.7564
81	6	1.004	0.67	-0.00	111.5	6.676	507.7	1.263	1.2647	2.7504
81	7	1.003	1.73	-0.00	111.0	6.653	507.7	1.264	1.2639	2.7539
81	8	1.003	3.74	-0.00	111.7	6.660	507.7	1.249	1.2426	2.7426
82	1	1.004	-4.16	-0.00	5.3	0.368	0.873	0.863	0.8649	0.8649
82	2	1.001	-2.23	-0.00	5.3	0.420	0.875	0.875	0.8758	0.8758
82	3	1.003	-1.30	-0.00	5.3	0.419	0.877	0.877	0.8772	0.8772
82	4	1.003	-0.73	-0.00	5.3	0.365	0.874	0.874	0.8745	0.8745
82	5	1.003	-0.26	-0.00	5.3	0.364	0.873	0.873	0.8725	0.8725
82	6	1.003	0.69	-0.00	5.3	0.417	0.877	0.877	0.8812	0.8812
82	7	1.002	1.73	-0.00	5.3	0.469	0.877	0.877	0.8809	0.8809
82	8	1.002	3.83	-0.00	5.3	0.417	0.865	0.865	0.8795	0.8795
83	4	0.904	-4.41	-0.00	219.7	5.8976	614.4	1.206	1.2055	5.1066
83	5	0.904	-2.40	-0.00	220.2	5.8623	616.9	1.245	1.2455	5.1866
83	6	0.903	-1.32	-0.00	220.5	5.8344	618.6	1.278	1.2785	5.4875
83	7	0.903	-0.77	-0.00	219.9	5.7948	618.6	1.304	1.3040	5.5058
83	8	0.903	0.60	-0.00	220.6	5.7561	619.1	1.315	1.3128	5.5467
83	9	0.903	1.64	-0.00	221.3	5.7541	619.4	1.319	1.3128	5.5467
83	10	0.903	3.62	-0.00	220.6	5.7191	614.4	1.290	1.2935	5.5771
83	11	0.903	-4.37	-0.00	154.6	0.115	430.7	1.209	1.2302	3.8249
83	12	0.903	-2.36	-0.00	155.6	0.0350	436.6	1.252	1.2501	3.8691
84	1	0.904	-1.30	-0.00	156.8	0.0549	437.9	1.252	1.2501	3.8691
84	2	0.903	-0.73	-0.00	156.8	0.0470	437.9	1.252	1.2501	3.8691
84	3	0.903	-0.26	-0.00	156.8	0.0470	437.9	1.252	1.2501	3.8691
84	4	0.903	0.69	-0.00	156.8	0.0470	437.9	1.252	1.2501	3.8691
84	5	0.903	1.73	-0.00	156.8	0.0470	437.9	1.252	1.2501	3.8691

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	ϕ_A	P _s	CRT	PL	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
84	6	0.902	0.04	-0.00	156.8	4.0485	437.4	1.2669	1.2636	3.8693
84	7	0.903	0.56	-0.00	156.8	4.0399	437.4	1.2650	1.2636	3.9157
84	8	0.903	1.60	-0.00	156.8	4.0375	438.2	1.2621	1.2593	3.9153
84	9	0.904	3.68	-0.00	157.5	4.0478	438.2	1.2411	1.2279	3.9209
85	1	0.903	4.30	-0.00	4.4	0.0136	553.2	0.9214	0.9229	0.5007
85	2	0.902	2.37	-0.00	4.4	0.0137	561.6	0.9230	0.9252	0.4504
85	3	0.902	1.40	-0.00	4.4	0.0140	567.8	0.9232	0.9258	0.4523
85	4	0.903	0.92	-0.00	4.7	0.0203	576.6	0.9234	0.9245	0.4551
85	5	0.903	0.44	-0.00	4.7	0.0149	593.0	0.9231	0.9247	0.4500
85	6	0.903	0.05	-0.00	4.7	0.0212	602.7	0.9239	0.9247	0.4630
85	7	0.903	0.54	-0.00	5.1	0.0337	614.2	0.9241	0.9247	0.4630
85	8	0.902	1.57	-0.00	5.1	0.0335	624.3	0.9241	0.9237	0.4640
85	9	0.902	3.57	-0.00	5.1	0.0334	632.2	0.9223	0.9190	0.5274
86	1	0.703	4.5	-0.00	276.6	10.3961	768.5	1.5399	1.5211	6.2044
86	2	0.702	2.59	-0.00	276.6	10.4271	771.3	1.4691	1.4609	6.2922
86	3	0.703	1.58	-0.00	277.3	10.3707	774.3	1.1515	1.1669	6.9916
86	4	0.703	0.98	-0.00	277.3	10.2733	774.3	1.1734	1.1751	6.9916
86	5	0.703	0.52	-0.00	268.5	10.0701	766.1	1.1905	1.1902	6.9916
86	6	0.702	0.08	-0.00	274.5	10.3147	769.8	1.1944	1.1940	6.9916
86	7	0.702	3.62	-0.00	275.0	10.2347	774.3	1.1873	1.1695	6.9916
86	8	0.701	1.42	-0.00	276.1	10.1966	774.3	1.1873	1.1695	6.9916
87	1	0.702	4.9	-0.00	157.5	5.8398	440.4	1.1571	1.1287	3.9141
87	2	0.703	2.47	-0.00	157.5	5.8166	440.4	1.1351	1.1426	3.9141
87	3	0.704	1.59	-0.00	157.5	5.8037	439.6	1.1470	1.1503	3.9141
87	4	0.702	0.99	-0.00	157.5	5.8048	439.6	1.1517	1.1537	3.9141
87	5	0.702	0.51	-0.00	157.5	5.8097	439.6	1.1519	1.1531	3.9141
87	6	0.703	0.05	-0.00	157.5	5.8046	439.6	1.1536	1.1519	3.9141
87	7	0.701	3.56	-0.00	157.5	5.7549	439.6	1.1537	1.1500	3.9141
87	8	0.702	1.48	-0.00	156.6	5.7284	439.6	1.1537	1.1500	3.9141
88	1	0.703	4.7	-0.00	114.4	4.2354	317.1	1.1100	1.1083	2.8593
88	2	0.703	2.54	-0.00	114.4	4.2371	318.0	1.1274	1.1245	2.8593
88	3	0.704	1.53	-0.00	114.4	4.2164	317.5	1.1275	1.1259	2.8593
88	4	0.703	0.91	-0.00	114.4	4.2162	318.0	1.1275	1.1259	2.8593
88	5	0.703	0.52	-0.00	114.4	4.1582	317.5	1.1267	1.1245	2.8593
88	6	0.702	0.06	-0.00	114.4	4.1580	317.5	1.1267	1.1245	2.8593
88	7	0.702	3.46	-0.00	113.3	4.1242	318.0	1.1245	1.1222	2.8593

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	ϕ_A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
88	9	0.702	3.44	-0.00	114.7	4.1609	318.0	1.1237	1.1186	2.8437
89	1	0.702	-4.47	-0.00	4.33	0.0130	416.1	0.9586	0.9593	0.3876
89	2	0.702	-2.57	-0.00	5.33	0.0299		0.9609	0.9604	
89	3	0.702	-1.57	-0.00	5.33	0.0298		0.9610	0.9607	
89	4	0.702	-0.98	-0.00	5.33	0.0213	438.2	0.9613	0.9601	0.3962
89	5	0.702	-0.52	-0.00	5.33	0.0297		0.9611	0.9599	
89	6	0.702	-0.07	-0.00	5.33	0.0382		0.9613	0.9605	
89	7	0.702	0.40	-0.00	5.33	0.0295	466.1	0.9610	0.9607	0.4063
89	8	0.702	1.36	-0.00	5.33	0.0294	472.3	0.9605	0.9606	0.4086
89	9	0.703	3.40	-0.00	5.33	0.0294	478.9	0.9595	0.9579	0.4110
89	10	0.703	-0.54	-0.00	5.33	0.0289	490.0	0.9586	0.9596	0.4148
90	4	0.402	3.34	-0.00	125.7	12.1459	349.8	1.0391	1.0431	3.0395
90	5	0.402	-2.58	-0.00	123.3	11.9233	344.5	1.0490	1.0492	3.0370
90	6	0.402	-1.72	-0.00	123.3	11.9174	346.2	1.0495	1.0501	3.0392
90	7	0.403	-1.18	-0.00	124.4	11.9573	346.7	1.0502	1.0505	3.0320
90	8	0.402	-0.68	-0.00	124.4	12.0050	347.1	1.0503	1.0505	3.0369
90	9	0.402	-0.26	-0.00	124.4	11.9906	347.6	1.0510	1.0505	3.0389
90	10	0.402	0.30	-0.00	124.4	11.9706	348.0	1.0506	1.0505	3.0397
90	11	0.402	1.34	-0.00	124.4	12.0326	348.6	1.0498	1.0499	3.0310
91	1	0.402	3.59	-0.00	61.3	5.6886	165.9	1.0329	1.0335	1.5333
91	2	0.402	-2.70	-0.00	63.3	5.9779	175.6	1.0336	1.0335	1.5360
91	3	0.403	-1.70	-0.00	63.3	5.9216	174.3	1.0338	1.0335	1.5327
91	4	0.403	-1.13	-0.00	63.3	5.9147	174.3	1.0338	1.0335	1.5369
91	5	0.401	-0.63	-0.00	63.3	5.9108	174.3	1.0339	1.0335	1.5369
91	6	0.402	-0.23	-0.00	63.3	5.9989	174.3	1.0333	1.0333	1.5369
91	7	0.404	0.22	-0.00	63.3	5.8921	174.3	1.0333	1.0333	1.5369
91	8	0.402	1.27	-0.00	63.3	5.8535	174.3	1.0341	1.0333	1.5369
91	9	0.402	3.29	-0.00	63.3	5.8024	175.1	1.0352	1.0331	1.5369
92	1	0.401	3.63	-0.00	66.2	6.1002	188.7	0.9882	0.9889	0.9889
92	2	0.401	-2.60	-0.00	66.2	6.1002	188.7	0.9889	0.9889	0.9889
92	3	0.401	-1.70	-0.00	66.2	6.0774	188.7	0.9889	0.9889	0.9889
92	4	0.402	-1.25	-0.00	66.2	6.1225	188.7	0.9889	0.9889	0.9889
92	5	0.403	-0.70	-0.00	66.2	6.1207	188.7	0.9889	0.9889	0.9889
92	6	0.403	-0.23	-0.00	66.2	6.0981	188.7	0.9889	0.9889	0.9889
92	7	0.401	0.32	-0.00	66.2	6.1426	188.7	0.9889	0.9889	0.9889
92	8	0.401	3.28	-0.00	66.2	6.1097	188.7	0.9889	0.9889	0.9889

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	ϕ_A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
92	10	0.400	-0.68	-0.00	6.2	0.0977	5	0.9688	0.9682	7561
94	4	0.700	-4.47	-0.00	155.8	5.8282	434	1.1052	1.1200	3.6136
94	5	0.699	-2.52	-0.00	155.2	5.7129	426	1.1258	1.1343	3.6933
94	6	0.698	-1.50	-0.00	154.4	5.7684	431	1.1355	1.1403	3.7135
94	8	0.700	-0.55	-0.00	155.3	5.7980	432	1.1428	1.1437	3.7192
94	10	0.699	-0.11	-0.00	155.1	5.7907	433	1.1433	1.1423	3.7188
94	11	0.701	0.33	-0.00	155.3	5.7655	434	1.1437	1.1439	3.7145
94	12	0.699	1.33	-0.00	156.2	5.8151	435	1.1429	1.1411	3.7201
95	1	0.698	-4.50	-0.00	271.2	10.4181	765	1.1195	1.1298	7171
95	2	0.699	-2.54	-0.00	273.0	10.4147	769	1.1312	1.1356	6.7594
95	3	0.699	-1.06	-0.00	272.1	10.2812	769	1.1452	1.1535	6.7771
95	5	0.699	-0.59	-0.00	272.9	10.0979	769	1.1591	1.1669	6.7853
95	6	0.699	-0.08	-0.00	272.7	10.0953	769	1.1738	1.1812	6.8572
95	7	0.700	0.35	-0.00	273.5	10.0425	770	1.1811	1.1874	6.9312
95	9	0.701	1.34	-0.00	273.5	10.0302	768	1.1718	1.1748	6.9617
96	1	0.700	-4.53	0.00	5.6	0.321	1014	0.9552	0.9544	0.6976
96	2	0.699	-2.43	0.00	5.4	0.0409	1020	0.9589	0.9576	0.6978
96	3	0.700	-1.15	0.00	5.5	0.0327	1026	0.9595	0.9575	0.6908
96	4	0.699	-0.16	0.00	5.4	0.0319	1032	0.9595	0.9573	0.9021
96	5	0.700	0.11	0.00	5.6	0.0469	1046	0.9602	0.9585	0.9089
96	6	0.700	0.31	0.00	5.6	0.0401	1061	0.9595	0.9585	0.8928
96	7	0.700	1.43	0.00	5.6	0.0401	1076	0.9595	0.9574	0.8911
96	8	0.700	3.36	0.00	5.6	0.0485	1076	0.9595	0.9540	0.9116
96	9	0.699	-0.55	0.00	5.5	0.0482	1084	0.9604	0.9593	0.9617
97	4	1.203	-4.22	-0.00	88.0	0.010	809	1.3295	1.3943	7.1261
97	5	1.201	-2.21	-0.00	89.6	0.016	805	1.3669	1.4335	7.1395
97	6	1.201	-1.07	-0.00	88.7	0.0558	806	1.4010	1.4595	7.1387
97	7	1.203	-0.20	-0.00	87.9	0.0348	807	1.4429	1.4809	7.1383
97	8	1.203	0.20	-0.00	89.2	0.0263	807	1.4702	1.4860	7.1290
97	9	1.203	0.64	-0.00	89.3	0.0263	807	1.4702	1.4860	7.1290
97	10	1.203	1.64	-0.00	88.9	0.0261	808	1.4702	1.4860	7.1268
97	11	1.203	3.77	-0.00	88.9	0.0261	808	1.4702	1.4860	7.1268
97	12	1.203	5.74	-0.00	88.9	0.0261	808	1.4702	1.4860	7.1268

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	ϕ_A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
98	1	1.204	-4.16	-0.00	204.5	4.1465	564.7	1.2678	1.2735	4.309
98	2	1.203	-2.21	-0.00	201.2	4.0387	555.1	1.3571	1.3426	4.309
98	3	1.202	-1.73	-0.00	203.3	4.0919	555.3	1.3883	1.3407	4.305
98	4	1.201	-0.27	-0.00	203.3	4.0684	562.1	1.4425	1.4385	4.316
98	5	1.202	0.67	-0.00	203.9	4.0700	562.0	1.4426	1.4385	4.322
98	6	1.204	1.74	-0.00	203.3	4.0494	563.3	1.4478	1.4385	4.322
98	7	1.202	3.63	-0.00	204.2	4.0496	563.3	1.4478	1.4385	4.322
98	8	1.202	3.63	-0.00	204.2	4.0496	563.3	1.4478	1.4385	4.322
98	9	1.202	3.63	-0.00	204.2	4.0496	563.3	1.4478	1.4385	4.322
99	1	1.203	-4.12	0.00	5.68	0.0602	695.2	0.7758	0.7726	0.6275
99	2	1.203	-2.21	0.00	5.68	0.0559	707.1	0.7933	0.7919	0.6275
99	3	1.202	-1.73	0.00	5.68	0.0559	707.1	0.7933	0.7919	0.6275
99	4	1.203	-0.30	0.00	6.33	0.0644	712.1	0.8022	0.7991	0.6275
99	5	1.202	0.26	0.00	6.33	0.0686	722.1	0.8022	0.7991	0.6275
99	6	1.201	0.75	0.00	6.33	0.0730	735.0	0.8041	0.7962	0.6275
99	7	1.204	1.80	0.00	6.33	0.0776	740.0	0.8041	0.7962	0.6275
99	8	1.203	3.81	0.00	6.33	0.0774	749.3	0.8041	0.7962	0.6275
99	9	1.201	-0.32	0.00	6.33	0.0774	749.3	0.8041	0.7962	0.6275
100	1	1.000	-4.30	0.00	7.9	0.0991	783.6	0.8527	0.8503	0.6890
100	2	1.000	-2.35	0.00	7.9	0.1048	786.5	0.8676	0.8671	0.6890
100	3	1.000	-1.22	0.00	7.9	0.1091	792.5	0.8676	0.8671	0.6890
100	4	1.000	-0.36	0.00	7.9	0.1044	792.5	0.8676	0.8671	0.6890
100	5	1.000	0.16	0.00	8.1	0.1096	796.5	0.8676	0.8671	0.6890
100	6	1.000	0.67	0.00	8.1	0.1095	796.5	0.8676	0.8671	0.6890
100	7	1.000	1.66	0.00	8.1	0.1095	796.5	0.8676	0.8671	0.6890
100	8	1.000	3.65	0.00	8.1	0.1095	796.5	0.8676	0.8671	0.6890
100	9	1.000	-0.35	0.00	8.1	0.1095	796.5	0.8676	0.8671	0.6890
100	10	1.000	-0.35	0.00	8.1	0.1095	796.5	0.8676	0.8671	0.6890
101	1	1.000	-4.14	0.00	252.0	6.0763	704.8	1.2077	1.1950	6.445
101	2	1.000	-2.31	0.00	250.6	5.9784	700.4	1.3105	1.3066	6.445
101	3	1.000	-1.27	0.00	250.6	5.9472	700.4	1.3105	1.3066	6.445
101	4	1.000	-0.27	0.00	249.9	5.8840	700.4	1.3105	1.3066	6.445
101	5	1.000	0.26	0.00	247.7	5.7880	694.3	1.3105	1.3066	6.445
101	6	1.000	0.65	0.00	247.7	5.7548	694.3	1.3105	1.3066	6.445
101	7	1.000	1.67	0.00	247.7	5.7483	694.3	1.3105	1.3066	6.445
101	8	1.000	3.67	0.00	247.7	5.6614	694.3	1.3105	1.3066	6.445
101	9	1.000	-0.33	0.00	172.4	4.0133	478.9	1.2429	1.2765	4.2066
102	1	1.002	-4.33	0.00	172.4	4.0133	478.9	1.2429	1.2765	4.2066

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	ϕ_A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
102	2	1.002	0.129	0.00	168.4	3.9185	468.6	1.2866	1.30223	4.1252
102	3	1.000	-0.171	0.00	169.4	3.9299	469.6	1.3228	1.32251	4.1434
102	4	1.002	-0.30	0.00	168.8	3.8954	468.7	1.3293	1.32247	4.1254
102	5	1.001	0.14	0.00	168.5	3.8774	468.7	1.3246	1.32253	4.1254
102	6	1.000	0.173	0.00	168.8	3.8794	469.6	1.3192	1.32043	4.1277
102	7	1.002	3.71	0.00	168.8	3.8680	467.8	1.3286	1.32078	4.1203
103	1	0.902	3.7	0.00	353.8	9.4086	94.0	1.5661	1.25890	9.1023
103	2	0.902	-1.43	0.00	312.5	8.4793	87.8	1.2688	1.25437	9.0837
103	3	0.903	-0.46	0.00	325.0	8.3533	91.4	1.3023	1.25137	9.0837
103	4	0.903	-0.46	0.00	328.4	8.4691	92.1	1.3269	1.25071	9.0837
103	5	0.902	0.08	0.00	325.1	8.2849	91.1	1.3269	1.25175	9.0837
103	6	0.902	1.58	0.00	324.5	8.3863	91.1	1.3297	1.25093	9.0837
103	7	0.901	3.57	0.00	321.8	8.2405	90.0	1.3271	1.25053	9.0837
104	1	0.902	3.09	0.00	222.0	7.480	61.8	1.3023	1.25890	5.5203
104	2	0.901	-2.39	0.00	222.2	7.5022	61.9	1.3225	1.25890	5.5203
104	3	0.902	-1.45	0.00	222.1	7.5509	61.9	1.3225	1.25890	5.5203
104	4	0.901	-0.46	0.00	223.8	7.5141	61.9	1.3247	1.25890	5.5203
104	5	0.902	0.09	0.00	220.4	7.6044	61.4	1.3299	1.25890	5.5203
104	6	0.901	1.67	0.00	220.6	7.7337	61.4	1.3285	1.25890	5.5203
104	7	0.902	3.60	0.00	221.1	7.7151	61.4	1.3251	1.25890	5.5203
105	1	0.901	3.0	0.00	5.1	0.446	753.9	0.9169	0.91533	0.0000
105	2	0.901	-2.30	0.00	5.5	0.4323	764.8	0.9209	0.92347	0.0000
105	3	0.902	-1.42	0.00	5.5	0.4443	771.6	0.9218	0.92347	0.0000
105	4	0.901	-0.46	0.00	5.5	0.4381	781.7	0.9241	0.92347	0.0000
105	5	0.902	0.08	0.00	5.5	0.4501	787.9	0.9233	0.92347	0.0000
105	6	0.902	1.58	0.00	5.5	0.4499	791.5	0.9233	0.92347	0.0000
105	7	0.901	3.61	0.00	5.5	0.4547	802.5	0.9222	0.92347	0.0000
106	1	1.207	4.15	0.93	290.5	5.0083	816.6	1.3737	1.4033	7.0979
106	2	1.206	-2.25	0.99	285.7	5.8651	804.2	1.4177	1.4136	6.9072
106	3	1.205	-1.12	0.99	287.3	5.8544	808.8	1.4123	1.4136	6.9072

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	ϕ_A	P _s	CRT	PL	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
106	7	1.205	-0.71	-44.99	286.9	5.8133	808.7	1.4210	1.4501	7.1238
106	8	1.206	-0.19	-44.99	289.3	5.8100	813.1	1.4710	1.4902	7.1274
106	10	1.205	0.25	-44.99	287.3	5.7176	807.8	1.4728	1.4925	7.1212
106	11	1.204	0.78	-44.99	288.2	5.6926	810.4	1.4640	1.4664	7.1357
106	12	1.205	3.78	-44.99	289.3	5.6239	813.1	1.4504	1.4599	7.1376
107	1	1.002	4.29	-44.99	250.6	5.9560	703.9	1.3233	1.3528	6.2537
107	2	1.003	-2.18	-44.99	250.1	5.8933	703.9	1.3333	1.3612	6.2596
107	3	1.005	-1.21	-44.99	244.9	5.8088	708.0	1.3333	1.3612	6.2596
107	4	1.001	-1.21	-44.99	250.6	5.7910	709.0	1.3333	1.3612	6.2596
107	5	1.000	-1.77	-44.99	249.2	5.7160	709.0	1.3333	1.3612	6.2596
107	6	1.003	-0.26	-44.99	249.2	5.6836	709.0	1.3333	1.3612	6.2596
107	7	1.009	0.09	-45.00	251.2	5.8102	710.1	1.3333	1.3612	6.2596
107	8	1.002	0.65	-44.99	249.2	5.7203	709.0	1.3333	1.3612	6.2596
107	9	1.003	1.75	-44.99	249.2	5.6603	703.9	1.3333	1.3612	6.2596
107	10	1.003	3.66	-44.99	249.2	5.7114	703.9	1.3333	1.3612	6.2596
108	1	0.901	4.35	-45.00	231.0	6.5588	649.2	1.2346	1.2603	5.8012
108	2	0.902	-2.35	-45.00	217.9	6.4738	649.2	1.2346	1.2603	5.8012
108	3	0.901	-1.32	-44.99	217.9	6.3684	649.2	1.2346	1.2603	5.8012
108	4	0.900	-0.87	-45.00	217.9	6.3337	649.2	1.2346	1.2603	5.8012
108	5	0.900	-0.41	-45.00	217.9	6.3161	649.2	1.2346	1.2603	5.8012
108	6	0.901	0.05	-45.00	217.9	6.2969	649.2	1.2346	1.2603	5.8012
108	7	0.900	0.55	-45.00	217.9	6.2733	649.2	1.2346	1.2603	5.8012
108	8	0.900	1.55	-45.00	217.9	6.2519	649.2	1.2346	1.2603	5.8012
108	9	0.900	3.56	-45.00	217.9	6.2296	649.2	1.2346	1.2603	5.8012
109	1	0.903	4.37	-44.99	4.6	0.0133	9.108	0.9248	0.9248	1.78
109	2	0.902	-2.37	-44.99	4.6	0.0193	9.248	0.9248	0.9248	1.78
109	3	0.901	-1.42	-44.99	4.6	0.0313	9.248	0.9248	0.9248	1.78
109	4	0.902	-0.87	-44.99	4.6	0.0313	9.248	0.9248	0.9248	1.78
109	5	0.900	-0.44	-44.99	4.6	0.0313	9.248	0.9248	0.9248	1.78
109	6	0.900	0.06	-44.99	4.6	0.0313	9.248	0.9248	0.9248	1.78
109	7	0.902	0.52	-44.99	4.6	0.0313	9.248	0.9248	0.9248	1.78
109	8	0.901	1.57	-44.99	4.6	0.0313	9.248	0.9248	0.9248	1.78
109	9	0.899	3.57	-44.99	4.6	0.0313	9.248	0.9248	0.9248	1.78
109	10	0.899	0.46	-44.99	4.6	0.0313	9.248	0.9248	0.9248	1.78
110	1	1.002	4.19	-44.99	4.6	0.0182	8.672	0.8672	0.8672	1.52
110	2	1.000	-2.21	-44.99	4.6	0.0249	8.672	0.8672	0.8672	1.52
110	3	1.000	-1.31	-44.99	4.6	0.0307	8.672	0.8672	0.8672	1.52
110	4	1.000	0.85	-44.99	4.6	0.0299	8.672	0.8672	0.8672	1.52

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Ft	M _c	α	φ _A	P _s	CRT	PL	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
110	5	1.002	-0.30	-44.99	5.0	0.0383	835.1	0.8851	0.8830	2931
110	6	1.002	-0.28	-44.99	4.8	0.0316	831.6	0.8823	0.8802	2999
110	7	1.002	0.20	-44.99	4.4	0.0314	831.4	0.8839	0.8843	3027
110	8	1.003	0.70	-44.99	4.6	0.0259	836	0.8836	0.8819	3035
110	9	1.003	1.68	-44.99	5.0	0.0366	877.9	0.8779	0.8786	3050
110	10	1.003	3.77	-44.99	4.6	0.0258	866.6	0.8666	0.8674	3059
110	11	1.001	-0.33	-44.99	5.0	0.0363	866.4	0.8664	0.8643	3030
111	1	1.204	28	-44.99	4.1	0.0256	783.2	0.7832	0.7759	2999
111	2	1.206	-2.13	-44.99	3.9	0.0256	803.2	0.8032	0.8048	3035
111	3	1.205	-1.18	-44.99	4.1	0.0210	811.8	0.8118	0.8071	3035
111	4	1.205	-0.16	-44.99	4.1	0.0253	811.2	0.8112	0.8071	3035
111	5	1.206	0.22	-44.99	3.9	0.0209	811.7	0.8117	0.8071	3035
111	6	1.206	0.26	-44.99	4.3	0.0253	811.1	0.8111	0.8071	3035
111	7	1.204	0.75	-44.99	4.1	0.0257	810.1	0.8101	0.8067	3035
111	8	1.204	1.81	-44.99	4.4	0.0348	823.9	0.8239	0.8067	3035
111	9	1.205	3.80	-44.99	4.4	0.0301	810.5	0.8105	0.8067	3035
111	10	1.205	-0.26	-44.99	4.4	0.0301	810.5	0.8105	0.8067	3035
113	4	1.253	18	-0.00	299.0	5.9320	935.7	1.4557	1.4823	3050
113	5	1.253	-2.18	-0.00	299.2	5.9304	935.7	1.4557	1.4823	3050
113	6	1.254	-1.12	-0.00	299.7	5.9364	935.7	1.4557	1.4823	3050
113	7	1.254	-0.16	-0.00	299.7	5.9364	935.7	1.4557	1.4823	3050
113	8	1.254	0.26	-0.00	299.2	5.9370	935.7	1.4557	1.4823	3050
113	9	1.253	0.73	-0.00	301.5	5.9375	935.7	1.4557	1.4823	3050
113	10	1.253	1.87	-0.00	301.5	5.9375	935.7	1.4557	1.4823	3050
113	11	1.253	3.78	-0.00	302.1	5.9375	935.7	1.4557	1.4823	3050
114	1	1.254	27	-0.00	210.7	4.1350	836	1.3836	1.3513	3050
114	2	1.254	-2.18	-0.00	215.8	4.1377	836	1.3836	1.3513	3050
114	3	1.255	-1.10	-0.00	215.4	4.1322	836	1.3836	1.3513	3050
114	4	1.255	0.70	-0.00	215.2	4.1318	836	1.3836	1.3513	3050
114	5	1.255	0.19	-0.00	215.2	4.1318	836	1.3836	1.3513	3050
114	6	1.255	0.33	-0.00	215.2	4.1318	836	1.3836	1.3513	3050
114	7	1.255	0.77	-0.00	215.2	4.1318	836	1.3836	1.3513	3050
114	8	1.255	1.87	-0.00	215.2	4.1318	836	1.3836	1.3513	3050
115	1	1.255	3.78	-0.00	215.2	4.1318	836	1.3836	1.3513	3050
115	2	1.255	23	-0.00	7.9	0.0236	737.7	0.7878	0.7791	3050
115	3	1.255	-2.18	-0.00	3.9	0.0236	742.1	0.8016	0.7928	3050
115	4	1.255	-1.10	-0.00	3.9	0.0236	742.1	0.8016	0.7928	3050
115	5	1.255	0.70	-0.00	3.9	0.0236	742.1	0.8016	0.7928	3050
115	6	1.255	0.19	-0.00	3.9	0.0236	742.1	0.8016	0.7928	3050
115	7	1.255	0.33	-0.00	3.9	0.0236	742.1	0.8016	0.7928	3050
115	8	1.255	0.77	-0.00	3.9	0.0236	742.1	0.8016	0.7928	3050
115	9	1.255	1.87	-0.00	3.9	0.0236	742.1	0.8016	0.7928	3050
115	10	1.255	3.78	-0.00	3.9	0.0236	742.1	0.8016	0.7928	3050

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	φ _A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
115	5	1.254	-0.26	-0.00	3.9	0.0234	746.1	0.7992	0.7923	0.5004
115	6	1.255	-0.30	-0.00	3.9	0.0234	748.1	0.7989	0.7924	0.5003
115	8	1.253	0.60	-0.00	3.9	0.0232	750.1	0.7952	0.7903	0.5003
115	9	1.254	1.78	-0.00	3.9	0.0276	753.2	0.7922	0.7832	0.5009
115	10	1.254	3.75	-0.00	3.9	0.0231	754.2	0.7656	0.7546	0.5109
115	11	1.254	5.85	-0.00	4.1	0.0274	757.2	0.7986	0.7912	0.5151
115	11	1.254	-0.27	-0.00						
116	4	1.197	-4.30	0.00	358.1	7.4407	1007.5	1.4371	1.3904	8.9774
116	5	1.204	-2.15	-0.00	340.4	7.0100	957.5	1.4753	1.4804	8.5132
116	6	1.205	-1.18	-0.00	348.9	7.0394	980.3	1.4928	1.5121	8.5122
116	7	1.205	-0.75	-0.00	348.9	6.9593	983.1	1.5080	1.5151	8.5106
116	8	1.205	-0.19	-0.00	349.8	6.8555	985.8	1.5176	1.5262	8.5131
116	9	1.206	0.14	-0.00	350.2	6.7987	988.0	1.5241	1.5310	8.5143
116	10	1.205	0.70	-0.00	350.2	6.7247	988.9	1.5207	1.5125	8.5124
116	11	1.204	1.77	-0.00	347.1	6.6698	979.6	1.5294	1.5172	8.5165
116	12	1.204	3.75	-0.00	346.9	6.6976	976.9	1.4117	1.4334	8.5165
117	1	1.203	4.08	0.00	2.8	0.0022	1223.7	0.8009	0.7965	9.469
117	2	1.203	-2.09	0.00	2.8	0.0021	1226.8	0.8136	0.8100	9.469
117	3	1.204	-1.13	0.00	2.8	0.0016	1235.5	0.8153	0.8129	9.469
117	4	1.204	-0.72	-0.00	2.8	0.0016	1235.5	0.8149	0.8111	9.469
117	5	1.204	-0.21	-0.00	3.0	0.0030	1240.5	0.8153	0.8114	9.469
117	6	1.204	0.21	-0.00	3.0	0.0032	1245.0	0.8153	0.8115	9.469
117	7	1.204	0.70	-0.00	3.3	0.0079	1255.0	0.8109	0.8063	9.469
117	8	1.205	1.82	-0.00	3.3	0.0032	1255.0	0.8109	0.8063	9.469
117	9	1.204	3.74	-0.00	3.5	0.0032	1261.7	0.8109	0.8063	9.469
117	10	1.206	-0.26	0.00			1271.4	0.8132	0.8106	9.469
118	4	1.204	4.28	-0.00	293.6	0.0148	824.9	1.4448	1.4603	7.3258
118	5	1.206	-2.19	-0.00	292.6	0.0148	827.7	1.4658	1.4603	7.3258
118	6	1.206	-1.16	-0.00	295.1	0.0148	827.7	1.4658	1.4603	7.3258
118	7	1.206	-0.61	-0.00	295.1	0.0148	827.7	1.4658	1.4603	7.3258
118	8	1.206	-0.26	-0.00	295.1	0.0148	827.7	1.4658	1.4603	7.3258
118	9	1.206	0.26	-0.00	294.4	0.0148	827.7	1.4658	1.4603	7.3258
118	10	1.204	1.78	-0.00	294.4	0.0148	827.7	1.4658	1.4603	7.3258
118	11	1.204	3.75	-0.00	296.0	0.0148	827.7	1.4658	1.4603	7.3258
118	12	1.205	-4.16	-0.00						
119	1	1.206	-4.16	-0.00	204.6	0.0110	572.5	1.3667	1.3438	5.1602
119	2	1.206	-2.16	-0.00	207.6	0.0149	580.3	1.4190	1.4190	5.1602
119	3	1.205	-1.28	-0.00	207.6	0.0149	579.1	1.4353	1.4353	5.1602
119	4	1.205	-0.71	-0.00	208.0	0.0150	579.1	1.4353	1.4353	5.1602

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	ϕ_A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
119	5	1.205	-0.149	-0.00	207.3	4.0149	580.7	1.4672	1.4694	2.676
119	6	1.205	-0.277	-0.00	208.5	4.0072	581.2	1.4741	1.4710	2.642
119	7	1.206	0.779	-0.00	208.5	4.0279	582.6	1.4701	1.4567	2.909
119	8	1.205	1.79	-0.00	210.5	4.0218	585.3	1.4552	1.4412	3.485
120	1	1.205	3.80	-0.00				1.3847		
120	2	1.205	4.11	-0.00	124.6	2.754	344.3	2.917	3.213	0.115
120	3	1.205	1.15	-0.00	124.6	4.761	344.8	3.401	3.536	1.045
120	4	1.205	-2.16	-0.00	125.1	4.474	344.5	3.635	3.681	1.281
120	5	1.205	-0.176	-0.00	124.9	4.855	345.2	3.782	3.771	1.330
120	6	1.205	-0.19	-0.00	123.5	4.595	340.8	3.437	3.579	1.093
120	7	1.205	0.232	-0.00	123.7	4.556	341.7	3.815	3.835	1.267
120	8	1.205	1.80	-0.00	123.4	4.723	341.2	3.576	3.655	1.349
120	9	1.205	3.77	-0.00	124.2	2.480	341.1	3.732	3.857	1.090
121	1	1.001	3.22	-0.00	301.0	7.260	847.5	3.679	3.622	7.02
121	2	1.003	-2.22	-0.00	303.6	7.231	851.5	3.719	3.922	7.13
121	3	1.004	-1.313	-0.00	301.7	7.140	847.1	3.371	3.505	7.56
121	4	1.005	-0.73	-0.00	300.9	7.054	844.3	3.437	3.427	7.48
121	5	1.003	-0.27	-0.00	300.4	6.991	844.2	3.999	3.874	7.56
121	6	1.004	0.171	-0.00	301.7	6.950	845.5	4.405	4.386	7.01
121	7	1.003	1.64	-0.00	302.3	6.870	846.1	4.277	4.372	7.56
121	8	1.004	3.67	-0.00	289.7	6.614	813.0	3.777	3.788	7.41
122	1	1.002	16	-0.00	252.9	5.782	707.3	3.403	3.504	6.65
122	2	1.005	-4.21	-0.00	256.9	5.903	717.0	3.543	3.732	6.54
122	3	1.003	-2.28	-0.00	252.7	5.807	706.9	3.790	3.935	6.54
122	4	1.004	-1.77	-0.00	252.7	5.779	708.6	3.536	3.965	6.54
122	5	1.003	-0.229	-0.00	251.6	5.704	704.9	3.693	3.410	6.54
122	6	1.003	0.155	-0.00	247.1	5.634	688.7	4.103	4.103	6.54
122	7	1.002	1.73	-0.00	245.8	5.696	688.0	4.471	4.356	6.54
122	8	1.003	3.75	-0.00	250.0	5.666	698.0	3.999	3.956	6.54
123	1	1.001	23	-0.00	168.5	3.906	466.4	3.021	3.021	4.4
123	2	1.003	-2.23	-0.00	171.5	3.974	477.1	3.202	3.282	4.4
123	3	1.003	-1.34	-0.00	175.4	4.039	487.1	3.381	3.544	4.4
123	4	1.002	-0.71	-0.00	175.6	4.037	486.7	3.501	3.445	4.4
123	5	1.004	-0.254	-0.00	174.3	3.992	485.1	3.547	3.455	4.4
123	6	1.004	0.16	-0.00	173.3	3.953	481.1	3.544	3.444	4.4

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	ϕ_A	P ₈	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
123	9	1.003	1.78	-0.00	173.7	3.9537	481.8	1.3410	1.3411	4.2863
123	9	1.004	3.69	-0.00	172.7	3.9309	482.3	1.3204	1.3021	4.3180
124	1	1.001	4.21	-0.00	117.4	2.7045	322.2	1.2456	1.2484	2.8636
124	2	1.003	-2.18	-0.00	112.2	2.5921	308.5	1.2507	1.2545	2.7822
124	3	1.002	-1.35	-0.00	112.5	2.5852	309.4	1.2665	1.2605	2.7974
124	4	1.005	-1.71	-0.00	109.4	2.5168	299.7	1.2622	1.2558	2.7691
124	5	1.003	-0.26	-0.00	108.1	2.4963	300.0	1.2588	1.2517	2.7079
124	6	1.004	0.22	-0.00	109.6	2.5174	301.0	1.2583	1.2513	2.7019
124	7	1.002	0.61	-0.00	108.5	2.5071	300.4	1.2551	1.2483	2.6814
124	8	1.004	1.73	-0.00	109.1	2.5371	301.4	1.2551	1.2483	2.6814
124	9	1.004	3.70	-0.00	109.1	2.5257	301.4	1.2551	1.2483	2.7294
125	1	1.002	2.02	-0.00	4.5	0.0227	884.9	0.8891	0.8829	0.8829
125	2	1.003	-2.33	-0.00	4.5	0.0227	884.9	0.8891	0.8829	0.8829
125	3	1.004	-1.35	-0.00	4.5	0.0174	887.8	0.8878	0.8842	0.8842
125	4	1.001	-0.30	-0.00	4.5	0.0227	887.8	0.8878	0.8842	0.8842
125	5	1.006	0.17	-0.00	4.5	0.0117	891.0	0.8910	0.8864	0.8864
125	6	1.005	0.64	-0.00	4.5	0.0226	881.6	0.8816	0.8750	0.8750
125	7	1.004	1.71	-0.00	4.5	0.0278	883.9	0.8839	0.8790	0.8790
125	8	1.006	3.71	-0.00	4.5	0.0226	880.5	0.8805	0.8750	0.8750
125	9	1.007	-0.32	-0.00	4.5	0.0226	879.5	0.8795	0.8750	0.8750
126	4	0.903	3.36	-0.00	4.4	0.0193	787.0	0.9272	0.9256	0.9256
126	5	0.903	-2.37	-0.00	4.4	0.0131	785.6	0.9266	0.9247	0.9247
126	6	0.903	-1.29	-0.00	4.4	0.0251	786.7	0.9255	0.9234	0.9234
126	7	0.904	-0.39	-0.00	4.4	0.0249	789.1	0.9258	0.9234	0.9234
126	8	0.904	0.16	-0.00	4.4	0.0248	790.0	0.9258	0.9234	0.9234
126	9	0.903	0.55	-0.00	4.4	0.0247	790.0	0.9227	0.9231	0.9231
126	10	0.902	1.74	-0.00	4.4	0.0247	790.0	0.9227	0.9231	0.9231
126	11	0.902	3.66	-0.00	4.4	0.0247	790.0	0.9227	0.9231	0.9231
126	12	0.902	-0.44	-0.00	4.4	0.0316	789.7	0.9231	0.9231	0.9231
127	1	0.903	3.7	-0.00	22.0	7.3547	618.6	1.2647	1.2616	3.3939
127	2	0.903	-2.41	-0.00	19.0	6.397	611.1	1.2631	1.2598	3.3939
127	3	0.904	-1.40	-0.00	19.0	6.154	611.1	1.2631	1.2598	3.3939
127	4	0.905	-0.47	-0.00	22.0	5.980	611.1	1.2631	1.2598	3.3939
127	5	0.903	0.55	-0.00	18.0	5.546	611.1	1.2631	1.2598	3.3939
127	6	0.903	0.55	-0.00	18.0	5.546	611.1	1.2631	1.2598	3.3939
127	7	0.903	0.55	-0.00	18.0	5.546	611.1	1.2631	1.2598	3.3939
127	8	0.903	0.55	-0.00	18.0	5.546	611.1	1.2631	1.2598	3.3939
127	9	0.903	0.55	-0.00	18.0	5.546	611.1	1.2631	1.2598	3.3939
127	10	0.903	0.55	-0.00	18.0	5.546	611.1	1.2631	1.2598	3.3939
127	11	0.903	0.55	-0.00	18.0	5.546	611.1	1.2631	1.2598	3.3939
127	12	0.903	0.55	-0.00	18.0	5.546	611.1	1.2631	1.2598	3.3939

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	ϕ_A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
127	9	0.904	3.60	-0.00	216.5	5.5354	605.3	1.2822	1.2650	5.3648
128	1	0.903	4.35	-0.00	158.1	4.1037	438.2	1.2250	1.2374	5.3252
128	3	0.903	2.36	-0.00	158.1	4.0950	439.5	1.2487	1.2530	5.3271
128	4	0.904	1.38	-0.00	158.4	4.0993	439.5	1.2583	1.2602	5.3255
128	5	0.904	0.83	-0.00	157.9	4.0725	440.0	1.2626	1.2628	5.3255
128	6	0.903	0.41	-0.00	158.4	4.0850	440.0	1.2684	1.2611	5.3255
128	7	0.905	0.59	-0.00	158.6	4.0779	440.0	1.2675	1.2638	5.3255
128	9	0.903	1.56	-0.00	158.4	4.0668	440.0	1.2601	1.2602	5.3255
128	10	0.903	3.62	-0.00	158.4	4.0668	440.0	1.2649	1.2640	5.3255
129	1	0.703	4.4	-0.00	156.1	5.8436	432.4	1.1290	1.1371	5.7009
129	2	0.703	4.24	-0.00	159.7	5.9712	431.7	1.1438	1.1489	5.6613
129	3	0.704	1.53	-0.00	157.9	5.8728	438.2	1.1490	1.1510	5.6244
129	4	0.703	0.83	-0.00	157.5	5.8626	438.2	1.1537	1.1529	5.6381
129	5	0.703	0.52	-0.00	157.2	5.8413	439.5	1.1579	1.1553	5.6329
129	6	0.703	0.08	-0.00	157.7	5.8636	438.2	1.1564	1.1553	5.6329
129	7	0.703	1.50	-0.00	157.7	5.8501	438.2	1.1549	1.1543	5.6329
129	9	0.705	3.4	-0.00	158.1	5.8343	439.5	1.1549	1.1543	5.6329
130	1	0.703	4.8	-0.00	116.5	4.3022	319.7	1.1725	1.197	5.9393
130	2	0.703	4.44	-0.00	113.3	4.1872	315.6	1.1279	1.1245	5.7995
130	3	0.703	1.44	-0.00	114.4	4.2059	316.0	1.1279	1.1245	5.7995
130	4	0.702	0.50	-0.00	114.4	4.1509	317.0	1.1299	1.1273	5.8067
130	5	0.702	0.41	-0.00	114.4	4.1509	317.0	1.1299	1.1273	5.8067
130	6	0.702	0.57	-0.00	114.4	4.1509	317.0	1.1299	1.1273	5.8067
130	7	0.702	1.52	-0.00	114.4	4.1509	317.0	1.1299	1.1273	5.8067
130	9	0.703	3.47	-0.00	114.4	4.1509	317.0	1.1299	1.1273	5.8067
131	1	0.704	5.3	-0.00	5.5	0.376	394.0	0.9633	0.9634	0.3738
131	2	0.703	4.58	-0.00	5.5	0.376	394.0	0.9633	0.9634	0.3738
131	3	0.703	1.58	-0.00	5.5	0.376	394.0	0.9633	0.9634	0.3738
131	4	0.704	0.29	-0.00	5.5	0.376	394.0	0.9633	0.9634	0.3738
131	5	0.703	0.06	-0.00	5.5	0.376	394.0	0.9633	0.9634	0.3738
131	6	0.703	1.1	-0.00	5.5	0.376	394.0	0.9633	0.9634	0.3738
131	7	0.703	4.68	-0.00	5.5	0.376	394.0	0.9633	0.9634	0.3738
131	8	0.703	3.52	-0.00	5.5	0.376	394.0	0.9633	0.9634	0.3738
131	9	0.703	0.52	-0.00	5.5	0.376	394.0	0.9633	0.9634	0.3738
131	10	0.703	1.52	-0.00	5.5	0.376	394.0	0.9633	0.9634	0.3738

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	φ _A	P _g	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
132	4	0.402	-4.67	-0.00	6.4	0.1425	1351.6	0.9879	0.9867	1.0659
132	5	0.402	-2.61	-0.00	6.4	0.1154	1351.6	0.9880	0.9886	1.0658
132	6	0.403	-1.70	-0.00	6.4	0.1154	1351.6	0.9882	0.9900	1.0658
132	7	0.403	-1.20	-0.00	6.4	0.1406	1351.6	0.9882	0.9890	1.0659
132	8	0.404	-0.26	-0.00	6.4	0.1372	1351.6	0.9886	0.9893	1.0657
132	9	0.404	0.20	-0.00	6.4	0.1373	1351.6	0.9880	0.9894	1.0657
132	10	0.404	1.35	-0.00	6.4	0.1604	1351.6	0.9884	0.9901	1.0660
132	11	0.404	3.59	-0.00	6.4	0.1385	1351.6	0.9891	0.9901	1.0660
132	12	0.404	-0.69	-0.00	6.4	0.1163	1351.6	0.9895	0.9901	1.0660
132	13	0.404	-	-0.00	6.4	0.1163	1351.6	0.9895	0.9901	1.0660
133	1	0.401	-4.70	-0.00	77.9	9722	1063.6	0.609	0.633	9.3299
133	2	0.402	-2.75	-0.00	380.1	36.8101	1072.2	1.0626	1.0633	9.3409
133	3	0.403	-1.73	-0.00	380.1	37.5863	1072.2	1.0677	1.0677	9.3409
133	4	0.403	-1.19	-0.00	380.1	37.2804	1075.6	1.0677	1.0677	9.3409
133	5	0.404	-0.27	-0.00	383.1	36.9418	1080.5	1.0699	1.0699	9.3409
133	6	0.403	0.14	-0.00	373.6	35.9233	1050.7	1.0686	1.0686	9.3409
133	7	0.404	1.37	-0.00	378.6	35.2233	1065.1	1.0647	1.0647	9.3409
133	8	0.404	3.32	-0.00	380.6	36.1426	1075.1	1.0625	1.0627	9.3409
133	9	0.404	-	-0.00	380.6	36.1958	1075.1	1.0625	1.0627	9.3409
134	1	0.402	-4.68	-0.00	65.2	1253	179.1	0.548	0.553	1.5823
134	2	0.402	-2.68	-0.00	65.2	1226	179.1	0.556	0.563	1.5823
134	3	0.402	-1.72	-0.00	65.2	1226	178.2	0.555	0.563	1.5823
134	4	0.403	-1.26	-0.00	65.2	1226	178.2	0.555	0.563	1.5823
134	5	0.403	-0.29	-0.00	64.3	1226	178.2	0.555	0.563	1.5823
134	6	0.403	0.24	-0.00	64.3	1226	177.3	0.555	0.563	1.5823
134	7	0.403	1.13	-0.00	64.3	1226	177.3	0.555	0.563	1.5823
134	8	0.403	3.32	-0.00	64.3	1226	177.3	0.555	0.563	1.5823
134	9	0.403	-	-0.00	64.3	1226	177.3	0.555	0.563	1.5823
135	1	1.255	-4.16	-0.00	299.9	0820	842.3	4.230	3.972	7.2604
135	2	1.255	-2.07	-0.00	300.0	0656	845.8	4.263	3.966	7.2604
135	3	1.255	-1.25	-0.00	300.0	0579	845.8	4.263	3.966	7.2604
135	4	1.255	-0.21	-0.00	300.0	0564	845.8	4.263	3.966	7.2604
135	5	1.255	0.23	-0.00	301.1	0536	845.8	4.263	3.966	7.2604
135	6	1.255	0.63	-0.00	303.3	0528	845.8	4.263	3.966	7.2604
135	7	1.255	1.88	-0.00	303.3	0528	845.8	4.263	3.966	7.2604
135	8	1.255	3.32	-0.00	303.3	0528	845.8	4.263	3.966	7.2604
135	9	1.255	-	-0.00	303.3	0528	845.8	4.263	3.966	7.2604
137	1	1.255	-4.19	-0.00	211.0	4.0577	586.2	1.3819	1.3520	5.1276
137	2	1.255	-2.15	-0.00	210.3	4.0514	586.2	1.3725	1.4004	5.1276

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	φ _A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
137	3	1.253	-1.064	-0.00	210.3	4.0203	586.6	3.333	1.4256	5.1296
137	4	1.253	-0.622	-0.00	210.5	4.0006	586.2	1.111	1.4290	5.1470
137	5	1.254	-0.228	-0.00	209.4	3.9707	586.6	1.462	1.4574	5.1606
137	6	1.254	0.074	-0.00	210.1	3.9730	586.6	1.461	1.4220	5.1607
137	7	1.253	0.740	-0.00	210.4	3.9611	587.5	1.416	1.4011	5.1641
137	8	1.255	3.778	0.00	210.4	3.9580	587.5	1.377	1.3577	5.1273
138	1	1.253	-4.20	-0.00	4.3	0.0280	724.6	7.788	0.7761	0.5723
138	2	1.254	-2.14	-0.00	3.8	0.0199	725.0	0.793	0.7872	0.5712
138	3	1.254	-1.22	-0.00	4.0	0.0246	729.9	0.793	0.7892	0.5722
138	4	1.255	-0.62	-0.00	4.0	0.0250	738.4	0.795	0.7919	0.5732
138	5	1.254	-0.24	-0.00	4.3	0.0250	738.4	0.794	0.7901	0.5733
138	6	1.254	0.31	-0.00	4.0	0.0302	740.9	0.792	0.7916	0.5739
138	7	1.255	0.75	-0.00	4.4	0.0261	746.5	0.790	0.7877	0.5730
138	8	1.253	1.81	-0.00	4.3	0.0303	746.5	0.783	0.7779	0.5757
138	9	1.254	3.77	-0.00	4.3	0.0303	754.2	0.783	0.7799	0.5757
138	10	1.253	-0.27	-0.00	4.5	0.0346	754.2	0.792	0.7899	0.5757
139	1	1.205	-4.15	-0.00	4.7	0.0367	12.5	0.793	0.7926	0.8922
139	2	1.204	-2.18	-0.00	4.7	0.0367	12.5	0.807	0.8010	0.8922
139	3	1.205	-1.18	-0.00	4.7	0.0372	13.3	0.809	0.8036	0.9066
139	4	1.204	-0.62	-0.00	4.7	0.0375	13.3	0.810	0.8063	0.9066
139	5	1.204	-0.25	-0.00	4.9	0.0413	13.4	0.809	0.8070	0.9066
139	6	1.204	0.26	-0.00	5.2	0.0414	13.4	0.809	0.8042	0.9066
139	7	1.204	0.71	-0.00	4.9	0.0416	13.5	0.806	0.8046	0.9152
139	8	1.204	1.86	-0.00	4.9	0.0416	13.5	0.806	0.7931	0.9152
139	9	1.204	3.82	-0.00	4.9	0.0416	13.6	0.799	0.7963	0.9174
139	10	1.206	-0.25	-0.00	4.7	0.0376	13.7	0.809	0.8075	0.9194
140	1	1.205	-4.17	-0.00	351.2	7.1715	990.7	3.831	3.553	8.7654
140	2	1.205	-2.33	-0.00	352.6	7.1503	987.6	3.452	3.406	8.7709
140	3	1.204	-1.29	-0.00	351.4	7.0626	986.7	3.467	3.403	8.7709
140	4	1.204	-0.77	-0.00	354.4	6.8611	977.3	3.507	3.523	8.7804
140	5	1.204	-0.25	-0.00	347.8	6.8730	977.0	3.519	3.542	8.7704
140	6	1.204	0.11	-0.00	347.8	6.8144	979.2	3.510	3.519	8.8319
140	7	1.204	0.51	-0.00	347.8	6.7591	978.8	3.547	3.551	8.8882
140	8	1.205	1.74	-0.00	346.6	6.6115	974.8	3.365	3.346	8.8651
141	1	1.205	-4.22	-0.00	289.5	6.0231	813.3	1.426	1.352	7.1793
141	2	1.205	-2.23	-0.00	287.7	5.9245	808.9	1.432	1.362	7.1716

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	φ _A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
141	4	1.203	-1.16	-0.00	289.5	5.9244	809.9	1.4226	1.4930	7.2071
141	5	1.203	-0.178	-0.00	288.6	5.8421	808.9	1.4523	1.4968	7.2614
141	6	1.203	-0.205	-0.00	287.3	5.8024	808.3	1.4793	1.4974	7.3025
141	8	1.204	0.76	-0.00	287.6	5.7494	809.8	1.4977	1.4743	7.3020
141	9	1.204	1.81	-0.00	289.8	5.7209	809.8	1.4697	1.4425	7.3353
141	10	1.205	3.78	-0.00	289.8	5.6744	810.2	1.4375	1.4373	7.3532
142	1	1.202	-4.17	-0.00	205.2	4.446	573.2	1.3555	1.1576	5.335
142	2	1.203	-2.10	-0.00	203.8	4.3955	569.1	1.3440	1.1570	5.335
142	3	1.204	-1.28	-0.00	204.7	4.3021	570.4	1.3602	1.1508	5.335
142	4	1.204	-0.67	-0.00	201.8	4.3977	552.3	1.3765	1.1504	5.335
142	5	1.204	0.20	-0.00	201.4	4.3022	563.1	1.4037	1.1547	5.335
142	6	1.204	0.77	-0.00	205.7	4.3571	572.7	1.4353	1.1477	5.335
142	7	1.205	1.80	-0.00	205.0	4.3511	573.2	1.4403	1.1486	5.335
142	8	1.205	3.72	-0.00	205.5	4.3219	573.2	1.4375	1.1559	5.335
143	1	1.203	-4.18	-0.00	123.6	2.427	340.5	1.2602	1.0577	3.344
143	2	1.204	-2.17	-0.00	124.8	2.4571	341.1	1.3124	1.0791	3.344
143	3	1.203	-1.178	-0.00	123.4	2.4773	341.1	1.3524	1.0929	3.344
143	4	1.203	-0.78	-0.00	124.1	2.4528	341.1	1.3681	1.0853	3.344
143	5	1.204	0.26	-0.00	124.4	2.4598	341.1	1.3587	1.0853	3.344
143	6	1.204	0.76	-0.00	123.6	2.4573	340.0	1.3521	1.0860	3.344
143	7	1.204	1.75	-0.00	123.4	2.4557	340.0	1.3521	1.0860	3.344
143	8	1.204	3.84	-0.00	123.4	2.4557	340.0	1.3521	1.0860	3.344
144	1	0.902	-4.30	-0.00	5.5	0.414	587.4	0.9237	0.2233	0.043
144	2	0.902	-2.43	-0.00	5.5	0.4226	588.5	0.9265	0.2330	0.043
144	3	0.904	-1.90	-0.00	5.5	0.4372	585.1	0.9265	0.2330	0.043
144	4	0.903	-0.46	-0.00	5.5	0.4372	585.1	0.9265	0.2330	0.043
144	5	0.901	0.55	-0.00	5.5	0.4372	585.1	0.9265	0.2330	0.043
144	6	0.902	1.55	-0.00	5.5	0.4372	585.1	0.9265	0.2330	0.043
144	7	0.901	3.48	-0.00	5.5	0.4372	585.1	0.9265	0.2330	0.043
144	8	0.901	5.48	-0.00	5.5	0.4372	585.1	0.9265	0.2330	0.043
144	9	0.901	7.48	-0.00	5.5	0.4372	585.1	0.9265	0.2330	0.043
144	10	0.901	9.48	-0.00	5.5	0.4372	585.1	0.9265	0.2330	0.043
145	1	0.902	-4.33	-0.00	157.4	4.103	434.0	1.2033	1.2239	3.333
145	2	0.902	-2.33	-0.00	156.6	4.103	434.0	1.2373	1.2435	3.333
145	3	0.900	-1.49	-0.00	156.6	4.103	434.0	1.2373	1.2435	3.333
145	4	0.901	0.49	-0.00	156.6	4.103	434.0	1.2373	1.2435	3.333

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _C	α	ϕ_A	P _B	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
145	5	0.902	-0.453	-0.00	158.1	4.1069	436.2	1.2601	1.2564	3.8957
145	6	0.902	0.058	-0.00	157.9	4.0953	436.6	1.2632	1.2590	3.8912
145	8	0.902	1.666	-0.00	158.1	4.1104	436.2	1.2555	1.2602	3.9089
145	9	0.902	3.58	-0.00	157.4	4.0718	436.6	1.2556	1.2536	3.8955
146	1	0.901	-4.34	-0.00	221.0	5.7808	617.4	1.2172	1.2284	5.5812
146	2	0.902	-2.36	-0.00	221.1	5.7729	618.3	1.2439	1.2635	5.5860
146	3	0.903	-1.43	-0.00	222.1	5.7521	618.3	1.2685	1.2846	5.5948
146	4	0.902	-0.88	-0.00	222.1	5.7123	618.3	1.3021	1.3018	5.5768
146	5	0.903	-0.40	-0.00	222.1	5.6853	618.3	1.3063	1.3019	5.6052
146	6	0.903	-0.04	-0.00	222.2	5.6457	618.3	1.3031	1.3038	5.6138
146	7	0.902	0.51	-0.00	222.2	5.5940	618.3	1.3020	1.3073	5.6187
146	8	0.903	1.53	-0.00	220.6	5.6192	617.0	1.2664	1.2532	5.7121
147	1	0.902	-4.35	-0.00	324.5	8.715	911.5	1.2674	1.2438	8.3138
147	2	0.904	-2.45	-0.00	322.2	8.3063	904.4	1.2671	1.2983	8.3155
147	3	0.903	-1.47	-0.00	322.4	8.2730	908.3	1.2921	1.3046	8.3471
147	4	0.904	-0.97	-0.00	324.5	8.2176	909.3	1.3277	1.3362	8.3555
147	5	0.903	-0.45	-0.00	323.6	8.2691	909.8	1.3245	1.3326	8.3225
147	6	0.904	-0.05	-0.00	323.5	8.2107	910.6	1.3227	1.3262	8.3333
147	7	0.903	0.54	-0.00	323.5	8.1681	911.3	1.3187	1.3295	8.3303
147	8	0.902	1.64	-0.00	323.5	8.1376	911.3	1.2827	1.2735	8.3265
148	4	0.702	-1.55	0.00	5.1	0.191	390.6	1.0908	0.9611	0.3606
148	5	0.701	-2.55	0.00	5.1	0.191		1.0938	0.9617	
148	6	0.701	-1.55	0.00	5.1	0.275		1.0928	0.9617	
148	7	0.701	-2.55	0.00	5.1	0.273		1.0935	0.9618	
148	8	0.702	-1.57	0.00	5.1	0.360		1.0926	0.9518	
148	9	0.701	-0.66	0.00	5.1	0.196		1.0931	0.9596	0.4017
148	10	0.701	-1.57	0.00	5.1	0.273		1.0942	0.9597	0.3589
148	11	0.701	-0.57	0.00	5.1	0.286		1.0936	0.9608	
148	12	0.701	-0.48	0.00	5.1	0.370		1.0929	0.9599	
148	13	0.701	0.46	0.00	5.1	0.370		1.0924	0.9601	
148	14	0.701	1.57	0.00	5.1	0.285		1.0924	0.9596	0.3587
148	15	0.701	-0.57	0.00	5.1	0.370		1.0930	0.9599	
148	16	0.701	-1.57	0.00	5.1	0.370		1.0930	0.9599	
149	1	0.701	-4.54	0.00	117.1	4.2712	318.6	1.2339	1.1124	2.7871
149	2	0.702	-2.49	0.00	115.5	4.1906	313.3	1.2407	1.1189	2.7399
149	3	0.702	-1.54	0.00	114.4	4.1714	314.2	1.2461	1.1213	2.7569

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	φ _A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
149	4	0.701	-1.07	0.00	115.5	4.2059	313.7	1.2479	1.1213	2.7534
149	5	0.702	-0.55	0.00	115.9	4.1891	313.3	1.2489	1.1226	2.7334
149	6	0.701	-0.10	0.00	114.9	4.1805	313.3	1.2489	1.1203	2.7408
149	7	0.701	0.39	0.00	114.9	4.1912	313.4	1.2482	1.1236	2.7374
149	8	0.701	1.46	0.00	115.3	4.2134	313.2	1.2492	1.1173	2.7639
149	9	0.701	3.40	0.00	115.3	4.2167	313.3	1.2478	1.1173	2.7341
150	1	0.702	-4.53	0.00	158.6	5.9360	435.3	1.2472	1.1288	3.7556
150	2	0.702	-2.53	0.00	158.4	5.9189	435.6	1.2610	1.1492	3.7559
150	3	0.702	-1.51	0.00	158.1	5.9081	436.2	1.2712	1.1525	3.7559
150	4	0.703	-1.10	0.00	159.0	5.9139	436.6	1.2734	1.1516	3.7774
150	5	0.702	-0.55	0.00	159.0	5.9040	437.1	1.2787	1.1520	3.7594
150	6	0.702	-0.08	0.00	159.3	5.8571	436.6	1.2771	1.1503	3.7594
150	7	0.702	0.39	0.00	159.3	5.9014	436.6	1.2760	1.1498	3.8225
150	8	0.702	1.39	0.00	159.3	5.8886	436.2	1.2760	1.1498	3.8013
150	9	0.703	3.41	0.00	158.4	5.8354	435.7	1.2683	1.1349	3.8664
151	1	0.701	-4.53	0.00	276.7	10.4110	772.7	1.2553	1.1338	6.9899
151	2	0.701	-2.53	0.00	276.5	10.3351	773.1	1.2668	1.1603	7.0163
151	3	0.702	-1.51	0.00	276.9	10.2692	775.7	1.2726	1.1667	7.0343
151	4	0.702	-1.10	0.00	278.5	10.2583	775.7	1.2868	1.1729	7.0659
151	5	0.702	-0.58	0.00	278.8	10.1643	778.0	1.2966	1.1835	7.1229
151	6	0.703	-0.00	0.00	278.5	10.0927	777.1	1.3013	1.1886	7.0898
151	7	0.703	0.42	0.00	278.4	9.9888	776.6	1.3013	1.1886	7.0898
151	8	0.704	1.49	0.00	277.9	9.9860	775.7	1.2784	1.1566	7.0663
151	9	0.704	3.49	0.00	277.9	9.9860	775.7	1.2784	1.1566	7.1168
152	1	0.403	-4.67	0.00	5.0	0.0506	311.9	1.0971	0.9897	0.3306
152	2	0.402	-2.71	0.00	6.0	0.0760		1.0989	0.9892	0.3075
152	3	0.402	-1.78	0.00	6.0	0.0715	269.1	1.0969	0.9897	
152	4	0.403	-1.23	0.00	6.2	0.0940		1.0969	0.9891	
152	5	0.403	-0.70	0.00	6.2	0.0484		1.0968	0.9891	
152	6	0.402	-0.28	0.00	6.2	0.0933		1.0968	0.9884	
152	7	0.403	0.18	0.00	6.0	0.1153		1.0969	0.9888	
152	8	0.403	1.26	0.00	6.4	0.0706		1.0979	0.9887	
152	9	0.403	3.20	0.00	6.4	0.1173		1.0979	0.9887	
152	10	0.403	-0.73	0.00	6.4	0.1173		1.0971	0.9900	
153	4	0.402	-4.61	-0.00	68.4	6.4228	179.1	1.0322	1.0319	1.5737
153	5	0.401	-2.47	-0.00	67.0	6.2582	175.1	1.0326	1.0313	1.5639
153	6	0.403	-1.70	-0.00	66.8	6.1695	173.8	1.0326	1.0309	1.5552
153	7	0.403	-1.26	-0.00	66.4	6.1102	173.8	1.0336	1.0320	1.5533
153	8	0.402	-0.65	-0.00	66.4	6.1102	173.8	1.0336	1.0320	1.5533

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	ϕ_A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
153	9	0.403	-0.21	0.00	66.8	6.1364	172.8	1.0328	1.0307	1.5388
153	10	0.404	-0.35	0.00	66.4	6.0509	173.9	1.0327	1.0316	1.5324
153	11	0.403	1.46	0.00	66.6	6.0731	172.9	1.0316	1.0305	1.5357
153	12	0.404	3.42	-0.00	66.6	6.0531	173.8	1.0316	1.0302	1.5404
154	6	1.001	-4.29	0.00	116.3	2.7250	303.9	1.2251	1.2289	2.7022
154	7	1.001	-2.26	-0.00	115.9	2.7052	303.6	1.2467	1.2437	2.7022
154	8	1.001	-1.30	-0.00	116.1	2.7004	302.6	1.2577	1.2542	2.7022
154	9	1.004	-0.66	-0.00	115.4	2.6695	302.7	1.2524	1.2511	2.6896
154	10	1.001	-0.28	-0.00	115.2	2.6600	301.7	1.2586	1.2561	2.6896
154	11	1.003	0.16	-0.00	115.0	2.6396	301.7	1.2521	1.2515	2.7022
154	12	1.002	0.78	-0.00	115.0	2.6419	301.7	1.2536	1.2534	2.7022
154	13	1.002	1.85	-0.00	114.5	2.6260	301.7	1.2536	1.2528	2.7059
154	14	1.002	3.70	-0.00	114.5	2.6078	301.7	1.2536	1.2528	2.7059
155	2	1.001	-4.31	0.00	6.5	0.747	604.7	0.8608	0.8599	0.4963
155	3	1.004	-2.31	0.00	6.5	0.693	607.9	0.8641	0.8622	0.4963
155	4	1.002	-1.29	0.00	6.5	0.681	609.1	0.8656	0.8641	0.4990
155	5	1.000	-0.80	-0.00	6.5	0.689	612.4	0.8656	0.8641	0.4990
155	6	1.002	-0.30	-0.00	6.5	0.687	614.6	0.8656	0.8641	0.4990
155	7	1.001	0.35	-0.00	6.5	0.687	616.0	0.8656	0.8641	0.4990
155	8	1.001	0.80	-0.00	6.5	0.687	620.3	0.8656	0.8641	0.4990
155	9	1.003	1.69	-0.00	6.5	0.687	625.1	0.8656	0.8641	0.4990
155	10	1.003	3.68	-0.00	6.5	0.687	631.3	0.8656	0.8641	0.4990
155	11	1.003	-0.32	-0.00	6.5	0.682	631.1	0.8641	0.8608	0.5056
156	1	1.000	-4.13	0.00	175.8	7.0	469.0	1.2648	1.256	4.299
156	2	1.000	-2.32	-0.00	176.3	12.85	471.0	1.2648	1.256	4.299
156	3	1.000	-1.37	-0.00	176.0	12.85	471.0	1.2648	1.256	4.299
156	4	1.003	-0.77	-0.00	176.0	12.85	471.0	1.2648	1.256	4.299
156	5	1.004	-0.29	-0.00	176.5	12.85	471.0	1.2648	1.256	4.299
156	6	1.002	0.16	-0.00	176.5	12.85	471.0	1.2648	1.256	4.299
156	7	1.001	0.69	-0.00	177.2	12.85	471.0	1.2648	1.256	4.299
156	8	1.001	1.74	-0.00	177.2	12.85	471.0	1.2648	1.256	4.299
156	9	1.001	3.74	-0.00	177.2	12.85	471.0	1.2648	1.256	4.299
157	1	1.001	-4.25	0.00	257.4	6.500	703.3	1.5547	1.5475	6.731
157	2	1.002	-2.33	-0.00	258.4	6.500	694.3	1.5547	1.5475	6.731
157	3	1.001	-1.38	-0.00	258.4	6.500	694.3	1.5547	1.5475	6.731
157	4	1.001	-0.81	-0.00	258.4	6.500	694.3	1.5547	1.5475	6.731
157	5	1.002	-0.24	-0.00	258.4	6.500	694.3	1.5547	1.5475	6.731
157	6	1.000	0.66	-0.00	258.4	6.500	694.3	1.5547	1.5475	6.731

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	φ _A	P _g	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
157	8	1.003	1.72	-0.00	255.0	6.0086	703.6	1.3832	1.3577	6.3743
157	9	1.001	3.71	-0.00	255.0	5.9902	704.0	1.3458	1.3446	6.4092
158	1	0.999	4.15	-0.00	254.7	6.9704	819.0	1.2925	1.3030	7.4904
158	2	1.002	-2.30	-0.00	301.2	7.0545	836.0	1.3328	1.3370	7.6896
158	3	1.000	-1.27	-0.00	299.3	6.9544	830.0	1.3541	1.3531	7.6308
158	4	1.000	-0.77	-0.00	300.9	6.9244	834.0	1.3694	1.3681	7.6584
158	5	1.001	-0.29	-0.00	301.2	6.8791	834.0	1.4076	1.4101	7.6820
158	6	1.002	0.15	-0.00	299.2	7.0673	830.5	1.4145	1.4140	7.7234
158	7	1.002	0.61	-0.00	300.8	7.0350	837.1	1.4375	1.4403	7.7234
158	8	1.004	1.65	-0.00	302.1	7.0083	841.1	1.3955	1.3955	7.7234
158	9	1.004	3.71	-0.00	303.3	6.9972	842.9	1.3557	1.3633	7.7352
159	4	0.402	0.64	0.00	385.8	37.9644	1084.1	1.0668	1.0665	9.7044
159	5	0.401	-4.62	0.00	379.0	36.8234	1066.9	1.0538	1.0517	9.5944
159	6	0.399	-2.66	0.00	392.7	36.4093	1107.0	1.0558	1.0548	9.5944
159	7	0.403	-1.72	-0.00	381.0	36.4833	1108.1	1.0615	1.0623	10.0343
159	8	0.401	-1.21	0.00	377.3	36.4641	1071.0	1.0641	1.0633	9.9323
159	9	0.402	-0.67	0.00	385.2	37.6129	1093.3	1.0925	1.0925	9.9323
159	10	0.403	0.28	0.00	391.6	36.6671	1109.2	1.0673	1.0663	9.9323
159	11	0.402	1.23	0.00	380.0	37.1271	1105.7	1.0614	1.0614	9.9323
159	12	0.402	3.31	0.00	377.7	37.4734	1105.9	1.0563	1.0551	9.9323
159	13	0.404	0.00	0.00	377.7	36.4495	1069.0	1.0563	1.0517	9.9323
160	5	0.698	-2.56	0.00	542.8	20.4288	1556.8	1.1633	1.1742	13.559
160	6	0.702	-1.54	0.00	548.2	20.0332	1568.8	1.1920	1.1849	13.559
160	7	0.702	-1.02	0.00	548.2	20.0343	1572.8	1.1920	1.1913	13.559
160	8	0.706	-0.57	0.00	553.3	20.0566	1580.7	1.2086	1.2086	13.559
160	9	0.700	-0.11	0.00	553.3	20.0375	1561.3	1.2094	1.2094	13.559
160	10	0.701	0.16	0.00	532.5	19.0375	1515.7	1.2045	1.2045	13.559
160	11	0.702	1.39	0.00	546.4	19.8854	1515.9	1.1891	1.1891	13.559
162	4	0.700	-2.63	0.00	551.0	20.7192	1525.5	1.1673	1.1770	13.559
162	5	0.701	-1.60	0.00	555.9	20.4456	1536.1	1.1973	1.1858	13.559
162	6	0.703	-1.10	0.00	560.2	20.2487	1556.0	1.1958	1.1958	13.559
162	7	0.701	-0.60	0.00	558.2	19.8561	1548.0	1.2095	1.2029	13.559
162	8	0.701	-0.39	0.00	559.1	21.3320	1529.5	1.2025	1.2080	13.559
162	9	0.701	1.40	0.00	540.6	19.8178	1501.2	1.1891	1.1866	13.559
162	10	0.699	0.00	0.00	540.6	19.8178	1501.2	1.1891	1.1866	13.559
163	1	0.701	-4.49	0.00	285.4	10.7620	788.4	1.1303	1.1278	7.1381
163	2	0.699	-2.59	0.00	283.3	10.6294	779.2	1.1393	1.1366	7.1381
163	3	0.699	-1.64	0.00	283.3	10.5753	781.1	1.1445	1.1445	7.1381

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	ϕ_A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
163	4	0.698	-1.12	-0.00	283.8	10.5300	783.19	1.1567	1.1672	7.2079
163	5	0.700	-0.55	-0.00	284.0	10.4006	784.12	1.1767	1.1793	7.2389
163	6	0.702	-0.10	-0.00	279.1	10.0970	771.20	1.1836	1.1846	7.1499
163	7	0.705	0.30	-0.00	284.7	10.7070	778.09	1.1880	1.1864	7.2355
163	8	0.700	1.36	-0.00	280.4	10.5540	776.99	1.1702	1.1544	7.1528
163	9	0.700	3.42	-0.00	280.0	10.4716	770.8	1.1530	1.1483	7.1036
164	1	0.703	-4.44	-0.00	155.8	5.8737	428.15	1.1112	1.1448	3.8866
164	2	0.702	-2.55	-0.00	157.8	5.9533	432.5	1.1231	1.1384	3.9303
164	3	0.703	-1.67	-0.00	159.1	5.9965	435.26	1.1376	1.1469	3.9513
164	4	0.701	-0.99	-0.00	158.7	5.9890	435.6	1.1454	1.1480	3.9762
164	5	0.701	-0.51	-0.00	158.5	5.9639	435.6	1.1494	1.1477	3.9671
164	6	0.702	-0.01	-0.00	159.1	5.9679	435.5	1.1500	1.1479	3.9569
164	7	0.702	0.37	-0.00	158.5	5.9328	435.6	1.1487	1.1448	3.9522
164	8	0.702	1.43	-0.00	158.2	5.9077	435.6	1.1489	1.1423	3.9535
164	9	0.701	3.39	-0.00	158.7	5.9295	435.6	1.1536	1.1431	3.9602
165	1	0.701	-4.99	-0.00	118.5	4.8815	320.2	1.1034	1.1095	2.2348
165	2	0.702	-2.55	-0.00	116.0	4.9922	317.1	1.1170	1.1195	2.2580
165	3	0.702	-1.49	-0.00	117.2	4.9978	317.6	1.1225	1.1203	2.2810
165	4	0.700	-0.03	-0.00	117.0	4.9900	317.8	1.1259	1.1203	2.2919
165	5	0.701	-0.53	-0.00	116.2	4.9680	318.0	1.1219	1.1210	2.2853
165	6	0.701	-0.02	-0.00	117.0	4.9495	318.9	1.1238	1.1219	2.2893
165	7	0.701	0.36	-0.00	117.0	4.9249	319.3	1.1238	1.1177	2.2893
165	8	0.701	1.51	-0.00	117.0	4.9268	319.3	1.1138	1.1109	2.2890
165	9	0.700	3.51	-0.00	117.0	4.9268	319.3	1.1138	1.1109	2.2890
166	1	0.700	-4.50	-0.00	6.7	0.801	96.0	0.9552	0.9542	0.8622
166	2	0.700	-2.52	-0.00	6.5	0.7714	96.6	0.9573	0.9568	0.8752
166	3	0.699	-1.43	-0.00	6.7	0.8044	96.6	0.9582	0.9576	0.8910
166	4	0.701	-0.15	-0.00	6.5	0.8093	96.6	0.9582	0.9569	0.9153
166	5	0.700	0.45	-0.00	6.5	0.8733	96.6	0.9582	0.9577	0.9389
166	6	0.700	-0.05	-0.00	6.5	0.8710	96.6	0.9577	0.9576	0.9452
166	7	0.701	0.46	-0.00	6.5	0.8749	96.6	0.9576	0.9565	0.9626
166	8	0.700	1.50	-0.00	6.5	0.841	96.6	0.9570	0.9554	0.9624
166	9	0.698	3.56	-0.00	6.7	0.851	96.6	0.9576	0.9566	0.9624
166	10	0.700	-0.55	-0.00	6.7	0.851	96.6	0.9576	0.9566	0.9624
167	4	0.901	-4.32	-0.00	322.0	8.6047	897.7	1.2462	1.2376	7.5809
167	5	0.902	-2.42	-0.00	324.0	8.5619	905.2	1.2671	1.2551	7.8010
167	6	0.900	-1.42	-0.00	326.1	8.5385	909.4	1.2778	1.2643	8.0120
167	7	0.901	-0.95	-0.00	326.6	8.4384	912.3	1.2934	1.2803	8.1767
167	8	0.900	-0.45	-0.00	326.6	8.4074	912.3	1.3292	1.3273	8.2331

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	φ _A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	w _a
167	9	0.901	0.059	-0.000	326.7	8.3461	913.8	1.3242	1.3279	0.1268
167	10	0.900	0.050	-0.000	329.6	8.7077	913.0	1.3281	1.3297	0.1658
167	11	0.901	1.60	-0.000	325.6	8.5498	911.0	1.3079	1.3178	0.1396
167	12	0.901	3.52	-0.000	325.6	8.4726	909.7	1.2769	1.2705	0.1356
168	1	0.902	4.28	-0.000	214.5	5.6502	594.9	1.1911	1.2132	0.3229
168	2	0.901	-2.40	-0.000	218.0	5.7441	606.4	1.2266	1.2545	0.4593
168	3	0.901	-1.41	-0.000	220.3	5.7705	610.0	1.2566	1.2757	0.4695
168	4	0.900	-0.91	-0.000	218.3	5.7113	509.0	1.2686	1.2785	0.5114
168	5	0.901	-0.42	-0.000	218.3	5.6526	505.5	1.2929	1.2961	0.4538
168	6	0.901	0.15	-0.000	218.2	5.6006	605.2	1.2937	1.2948	0.5120
168	7	0.901	0.40	-0.000	219.0	5.6349	611.4	1.2933	1.2947	0.5143
168	8	0.900	1.40	-0.000	221.2	5.6716	611.4	1.2802	1.2867	0.5311
168	9	0.900	3.65	-0.000	221.2	5.6716	611.4	1.2802	1.2867	0.5311
169	1	0.900	4.46	-0.000	159.9	4.1270	436.7	1.1808	1.2243	0.9949
169	2	0.901	-2.36	-0.000	158.8	4.0619	436.7	1.2191	1.2543	0.9621
169	3	0.902	-0.94	-0.000	158.9	4.0754	438.0	1.2489	1.2801	0.9704
169	4	0.900	-0.43	-0.000	159.7	4.1023	439.7	1.2549	1.2854	0.9941
169	5	0.902	0.18	-0.000	160.1	4.0977	441.0	1.2555	1.2859	0.9941
169	6	0.901	0.58	-0.000	160.1	4.0842	441.0	1.2555	1.2859	0.9774
169	7	0.901	1.58	-0.000	161.0	4.1041	442.2	1.2555	1.2859	0.9774
169	8	0.901	3.58	-0.000	161.0	4.1041	442.2	1.2555	1.2859	0.9774
169	9	0.901	4.58	-0.000	161.0	4.1041	442.2	1.2555	1.2859	0.9774
170	1	0.902	4.39	-0.000	7.9	0.4618	549.7	0.9163	0.9167	0.4556
170	2	0.901	-2.29	-0.000	5.5	0.4526	549.7	0.9211	0.9216	0.4776
170	3	0.900	-0.97	-0.000	5.5	0.4544	549.7	0.9211	0.9216	0.4776
170	4	0.901	-0.47	-0.000	5.5	0.4544	549.7	0.9211	0.9216	0.4776
170	5	0.901	0.12	-0.000	6.1	0.4618	549.7	0.9211	0.9216	0.4776
170	6	0.902	0.48	-0.000	6.6	0.4618	549.7	0.9211	0.9216	0.4776
170	7	0.901	1.50	-0.000	6.6	0.4618	549.7	0.9211	0.9216	0.4776
170	8	0.901	3.50	-0.000	6.6	0.4618	549.7	0.9211	0.9216	0.4776
170	9	0.902	4.50	-0.000	6.6	0.4618	549.7	0.9211	0.9216	0.4776
171	1	0.901	4.23	-0.000	9.9	7.3517	837.0	1.1623	1.3014	0.7378
171	2	0.901	-2.30	-0.000	30.3	7.3517	837.0	1.1623	1.3014	0.7378
171	3	0.901	-1.00	-0.000	30.1	7.3517	837.0	1.1623	1.3014	0.7378
171	4	0.902	0.20	-0.000	30.1	7.3517	837.0	1.1623	1.3014	0.7378
171	5	0.902	0.20	-0.000	30.1	7.3517	837.0	1.1623	1.3014	0.7378
171	6	0.902	0.19	-0.000	30.1	7.3517	837.0	1.1623	1.3014	0.7378
171	7	0.902	0.19	-0.000	30.1	7.3517	837.0	1.1623	1.3014	0.7378
171	8	0.902	0.19	-0.000	30.1	7.3517	837.0	1.1623	1.3014	0.7378
171	9	0.902	0.19	-0.000	30.1	7.3517	837.0	1.1623	1.3014	0.7378

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	φ _A	P _g	CR _I	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
171	9	1.001	1.63	-0.00	300.9	6.9272	839.4	1.3930	1.3631	7.6469
171	10	1.004	3.73	-0.00	299.9	6.8298	841.1	1.3503	1.3533	7.6679
172	1	1.003	3.3	-0.00	246.8	5.7086	689.1	1.2518	1.2787	6.2623
172	2	1.000	-2.22	-0.00	247.1	5.7283	693.0	1.2986	1.3465	6.3994
172	3	1.001	-1.31	-0.00	251.4	5.7776	701.0	1.3253	1.3778	6.3897
172	4	1.000	-0.80	-0.00	250.4	5.7337	701.0	1.3643	1.3870	6.3643
172	5	1.000	-0.21	-0.00	249.4	5.6871	696.8	1.3965	1.3956	6.3633
172	6	1.001	0.18	-0.00	250.3	5.6723	698.8	1.3991	1.3957	6.3633
172	7	1.000	0.62	-0.00	250.0	5.6519	699.9	1.3743	1.3808	6.3503
172	8	1.001	1.66	-0.00	253.0	5.6850	708.9	1.3390	1.3408	6.3503
172	9	1.002	3.63	-0.00	253.0	5.8674	708.9	1.3390	1.3321	6.3415
173	1	1.001	3.29	-0.00	112.7	2.6136	304.8	1.1011	1.1927	2.7033
173	2	1.002	-2.33	-0.00	113.0	2.6323	307.0	1.2363	1.2377	2.7329
173	3	1.003	-1.62	-0.00	113.0	2.6342	307.5	1.2493	1.2433	2.7423
173	4	1.002	-0.82	-0.00	112.6	2.6212	307.5	1.2548	1.2503	2.7463
173	5	1.002	-0.35	-0.00	113.5	2.6333	307.5	1.2591	1.2509	2.7536
173	6	1.002	0.14	-0.00	113.7	2.6526	307.4	1.2547	1.2544	2.7741
173	7	1.004	1.72	-0.00	113.6	2.6617	308.5	1.2367	1.2555	2.7516
173	8	1.004	3.72	-0.00	113.6	2.6617	308.5	1.2367	1.2267	2.7809
174	1	1.001	4.0	-0.00	5.7	0.489	512.6	0.8515	0.8516	0.4301
174	2	1.003	-2.38	-0.00	5.7	0.0537	580.3	0.8628	0.8604	0.4574
174	3	1.003	-1.31	-0.00	5.7	0.0537	580.3	0.8628	0.8599	0.4574
174	4	1.001	-0.80	-0.00	6.19	0.0542	580.3	0.8643	0.8622	0.4574
174	5	1.003	-0.35	-0.00	6.19	0.0587	580.3	0.8643	0.8622	0.4574
174	6	1.002	0.15	-0.00	6.19	0.0587	580.3	0.8643	0.8622	0.4574
174	7	1.002	0.65	-0.00	6.6	0.0748	582.9	0.8617	0.8610	0.4579
174	8	1.003	1.56	-0.00	6.6	0.0748	582.9	0.8617	0.8610	0.4579
174	9	1.003	3.56	-0.00	6.6	0.0748	582.9	0.8617	0.8610	0.4579
174	10	1.002	-0.34	-0.00	6.6	0.0748	582.9	0.8617	0.8610	0.4579
175	6	1.002	4.25	-0.00	171.0	4.3273	476.3	1.1011	1.1011	0.8667
175	7	1.001	-2.38	-0.00	168.1	4.0525	470.9	1.2836	1.3107	0.8657
175	8	1.000	-1.07	-0.00	168.0	4.0525	470.9	1.3136	1.3227	0.8657
175	9	1.004	-0.28	-0.00	168.0	4.0525	470.9	1.3136	1.3227	0.8657
175	10	1.004	0.27	-0.00	167.1	4.0525	470.9	1.3136	1.3227	0.8657
175	11	1.004	0.77	-0.00	169.0	4.0525	466.5	1.3136	1.3227	0.8657
175	12	1.004	1.71	-0.00	167.0	4.0525	466.5	1.3136	1.3227	0.8657
175	13	1.000	3.62	-0.00	170.0	4.0525	478.0	1.3136	1.3227	0.8657
175	14	1.000	5.62	-0.00	170.0	4.0525	478.0	1.3136	1.3227	0.8657

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	φ _A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
176	1	1.207	12	0.00	348.6	7.3688	986.0	1.3853	1.3996	7.412
176	2	1.202	-4.21	-0.00	347.1	7.3025	978.9	1.4335	1.4320	8.661
176	3	1.203	-1.15	-0.00	349.8	7.2619	986.0	1.4907	1.4903	8.774
176	4	1.203	-0.81	-0.00	349.4	7.3234	986.0	1.5137	1.5155	8.542
176	5	1.204	0.24	-0.00	348.3	7.1815	983.6	1.5283	1.5297	8.821
176	6	1.205	0.64	-0.00	345.5	7.0494	979.4	1.5283	1.5297	8.821
176	7	1.204	1.81	0.00	347.6	7.0365	982.4	1.5561	1.5517	8.798
176	8	1.204	3.68	0.00	349.1	6.9433	986.0	1.5828	1.5777	8.821
177	1	1.207	16	0.00	287.1	5.7535	806.5	1.4080	1.3581	7.300
177	2	1.202	-2.15	-0.00	288.5	5.7524	812.7	1.4160	1.4359	7.307
177	3	1.203	-1.14	-0.00	285.3	5.6623	810.9	1.4241	1.4452	7.333
177	4	1.203	-0.71	-0.00	287.9	5.6560	810.7	1.4723	1.4874	7.368
177	5	1.203	0.29	-0.00	286.1	5.5831	808.5	1.4939	1.4887	7.435
177	6	1.204	0.73	-0.00	287.1	5.5048	802.5	1.4939	1.4887	7.435
177	7	1.204	1.73	0.00	286.8	5.6133	806.0	1.4615	1.4553	7.457
177	8	1.203	3.74	-0.00	289.2	5.6444	814.0	1.3805	1.4289	7.400
178	4	1.204	1	0.00	204.7	4.2352	566.9	1.3249	1.2730	4.917
178	5	1.204	-2.25	-0.00	203.9	4.1681	566.9	1.3551	1.3305	4.849
178	6	1.203	-1.23	-0.00	202.3	4.1234	566.9	1.3710	1.3436	4.953
178	7	1.202	0.22	-0.00	202.0	4.1062	567.7	1.4057	1.4235	4.918
178	8	1.203	0.70	-0.00	203.4	4.1351	568.2	1.4292	1.4556	4.921
178	9	1.204	1.79	0.00	199.4	4.0052	566.0	1.3676	1.3642	4.974
179	1	1.204	11	0.00	123.2	2.5693	342.7	1.2545	1.2627	3.012
179	2	1.204	-2.17	-0.00	123.6	2.5554	339.9	1.2933	1.2939	3.222
179	3	1.204	-1.21	-0.00	122.3	2.5362	336.4	1.3301	1.3355	3.222
179	4	1.204	0.70	-0.00	122.1	2.5273	336.4	1.3649	1.3527	3.222
179	5	1.203	0.21	-0.00	120.9	2.4988	334.7	1.3649	1.3527	3.222
179	6	1.204	1.68	-0.00	120.9	2.4787	334.7	1.3649	1.3527	3.222
179	7	1.204	3.78	-0.00	120.2	2.4691	332.1	1.3301	1.3260	3.222
180	1	1.203	15	-0.00	44.3	0.0261	793.8	0.7938	0.7922	0.000
180	2	1.203	-4.15	-0.00	44.3	0.0261	793.8	0.7938	0.7922	0.000
180	3	1.204	-2.12	-0.00	44.3	0.0215	793.8	0.7938	0.7922	0.000

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	φ _A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
180	4	1.204	-1.25	-0.00	4.2	0.0265		0.8135	0.8107	
180	5	1.204	-0.67	-0.00	4.9	0.0305		0.8145	0.8118	
180	6	1.205	-0.21	-0.00	3.4	0.0304		0.8122	0.8085	
180	8	1.202	0.76	-0.00	4.2	0.0256		0.8115	0.8086	
180	9	1.204	1.72	-0.00	4.4	0.0302	458.5	0.8089	0.8058	0.3538
180	10	1.204	3.60	-0.00	4.6	0.0347		0.8087	0.8058	
180	11	1.204	-0.28	-0.00	4.4	0.0300		0.8126	0.8107	
182	6	0.400	-4.63	-0.00	6.3	0.1211		0.9901	0.9914	
182	7	0.401	-2.68	-0.00	6.7	0.1673		0.9907	0.9909	
182	8	0.401	-1.72	-0.00	6.5	0.1417		0.9906	0.9919	
182	9	0.402	-1.19	-0.00	6.7	0.1630		0.9906	0.9914	
182	10	0.402	-0.65	-0.00	6.5	0.1402		0.9915	0.9915	
182	11	0.402	-0.23	-0.00	6.5	0.1403		0.9914	0.9918	
182	12	0.402	0.25	-0.00	6.1	0.0945		0.9911	0.9921	
182	13	0.401	1.27	-0.00	6.3	0.0949		0.9911	0.9914	
182	14	0.401	3.27	-0.00	6.1	0.1181		0.9911	0.9914	
182	15	0.399	-0.66	-0.00	6.1	0.0959		0.9916	0.9920	
183	1	0.402	-4.61	-0.00	6.3	0.190	5	1.0351	1.0361	1.957
183	2	0.400	-2.70	-0.00	6.3	0.1901	4	1.0367	1.0369	1.971
183	3	0.401	-1.70	-0.00	6.2	0.1828	4	1.0363	1.0372	1.970
183	4	0.401	-1.21	-0.00	6.2	0.1838	1	1.0360	1.0366	1.975
183	5	0.401	-0.68	-0.00	6.1	0.1722	2	1.0362	1.0365	1.975
183	6	0.401	-0.25	-0.00	6.1	0.1623	3	1.0364	1.0367	1.975
183	7	0.401	0.27	-0.00	6.1	0.1593	3	1.0363	1.0366	1.975
183	8	0.403	1.23	-0.00	6.1	0.1679	9	1.0360	1.0365	1.975
184	1	0.402	-4.71	-0.00	12.4	0.2165	7	1.0406	1.0429	2.980
184	2	0.402	-2.68	-0.00	12.2	0.1840	0	1.0421	1.0449	2.985
184	3	0.402	-1.74	-0.00	12.1	0.1766	0	1.0453	1.0453	2.985
184	4	0.402	-1.16	-0.00	12.1	0.1723	1	1.0453	1.0453	2.985
184	5	0.402	-0.66	-0.00	12.1	0.1643	9	1.0453	1.0453	2.985
184	6	0.402	-0.23	-0.00	12.1	0.1643	9	1.0453	1.0453	2.985
184	7	0.402	0.26	-0.00	12.0	0.1553	5	1.0453	1.0453	2.985
184	8	0.402	1.23	-0.00	12.1	0.1594	1	1.0453	1.0453	2.985
185	1	0.703	-4.53	-0.00	4.5	-0.0010	3	0.9660	0.9650	1.921
185	2	0.702	-2.56	-0.00	4.0	-0.0183	0	0.9671	0.9663	1.921
185	3	0.702	-1.61	-0.00	4.0	-0.0183	0	0.9680	0.9677	1.921

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	φ _A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
185	4	0.702	-1.55	0.00	4.3	-0.0100	324.0	0.9685	0.9674	2.6203
185	5	0.701	-0.50	0.00	4.0	-0.0189	316.9	0.9681	0.9674	2.6999
185	6	0.701	-0.10	0.00	4.0	-0.0189	312.7	0.9678	0.9672	2.6906
185	7	0.702	0.39	0.00	3.8	-0.0273	310.7	0.9671	0.9674	2.6906
185	8	0.701	1.47	-0.00	4.3	-0.0104	308.4	0.9677	0.9666	2.6796
185	9	0.701	2.38	0.00	4.0	-0.0190	306.7	0.9665	0.9642	2.6478
185	10	0.701	-0.54	0.00	4.5	-0.0021	306.3	0.9676	0.9670	2.6725
186	1	0.701	-4.49	-0.00	115.0	4.1992	324.0	1.1112	1.1174	2.6203
186	2	0.701	-2.51	-0.00	112.1	4.1160	316.9	1.1240	1.1251	2.6999
186	3	0.701	-1.54	-0.00	111.7	4.0527	312.7	1.1286	1.1262	2.6906
186	4	0.701	-1.04	-0.00	110.8	4.0487	310.7	1.1280	1.1264	2.6906
186	5	0.700	-0.50	-0.00	109.2	4.0133	308.4	1.1277	1.1253	2.6796
186	6	0.701	-0.12	-0.00	109.3	4.0089	306.7	1.1288	1.1266	2.6478
186	7	0.701	0.36	-0.00	106.9	3.9979	306.3	1.1289	1.1250	2.6725
186	8	0.701	1.44	-0.00	108.4	3.9893	306.3	1.1257	1.1216	2.6655
186	9	0.701	3.44	-0.00	108.1	3.9920	306.3	1.1257	1.1216	2.6655
187	1	0.701	-4.55	-0.00	155.0	5.6549	415.6	1.1124	1.1174	3.4003
187	2	0.701	-2.51	-0.00	154.3	5.7609	413.3	1.1354	1.1376	3.4923
187	3	0.702	-1.52	-0.00	152.8	5.6997	413.3	1.1484	1.1534	3.4773
187	4	0.702	-1.02	-0.00	152.2	5.6045	413.3	1.1541	1.1547	3.4773
187	5	0.702	-0.54	-0.00	151.0	5.6225	413.3	1.1541	1.1547	3.4773
187	6	0.701	-0.11	-0.00	151.6	5.6090	413.3	1.1541	1.1547	3.4773
187	7	0.701	0.48	-0.00	151.1	5.5780	413.3	1.1541	1.1547	3.4773
187	8	0.702	1.48	-0.00	151.1	5.5683	413.3	1.1541	1.1547	3.4773
188	1	0.701	-4.54	-0.00	276.3	10.3546	787.8	1.1464	1.1464	5.9256
188	2	0.701	-2.46	-0.00	277.3	10.4330	780.3	1.1464	1.1464	5.9256
188	3	0.701	-1.56	-0.00	275.7	10.4159	781.6	1.1464	1.1464	5.9256
188	4	0.701	-1.03	-0.00	275.9	10.4159	781.6	1.1464	1.1464	5.9256
188	5	0.702	-0.53	-0.00	275.9	10.4159	781.6	1.1464	1.1464	5.9256
188	6	0.702	-0.14	-0.00	275.9	9.9580	781.6	1.1464	1.1464	5.9256
188	7	0.701	1.42	-0.00	267.2	9.9689	781.6	1.1464	1.1464	5.9256
188	8	0.701	3.42	-0.00	267.2	9.9737	781.6	1.1464	1.1464	5.9256
189	1	0.901	-4.66	-0.00	3.6	-0.0079	554.8	0.9281	0.9279	0.4919
189	2	0.902	-2.34	-0.00	3.6	-0.0063	554.8	0.9320	0.9306	0.4919
189	3	0.902	-1.44	-0.00	3.6	-0.0063	554.8	0.9320	0.9306	0.4919
189	4	0.902	-0.84	-0.00	3.6	-0.0063	554.8	0.9320	0.9306	0.4919

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	ϕ_A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
189	5	0.901	-0.42	-0.00	3.0	-0.0029	554.8	0.9343	0.9329	0.4371
189	6	0.901	-0.50	-0.00	4.0	0.0032	554.3	0.9342	0.9325	0.4363
189	7	0.901	0.50	-0.00	4.0	0.0030	553.9	0.9341	0.9328	0.4357
189	8	0.902	1.56	-0.00	4.3	0.0092	553.9	0.9343	0.9327	0.4336
189	10	0.902	-0.54	-0.00	4.0	0.0031	553.9	0.9342	0.9347	0.4336
190	1	0.900	-4.37	-0.00	156.6	4.0500	439.8	1.1912	1.2067	0.8391
190	2	0.902	-1.42	-0.00	155.0	4.0029	436.0	1.1306	1.2470	0.8440
190	3	0.902	-1.93	-0.00	156.0	4.0020	435.0	1.1257	1.2505	0.8420
190	4	0.902	-0.93	-0.00	154.4	3.9583	434.3	1.1257	1.2553	0.8403
190	5	0.902	-0.43	-0.00	153.9	3.9673	433.6	1.1265	1.2617	0.8385
190	6	0.901	0.01	-0.00	152.8	3.9441	427.4	1.1271	1.2635	0.8351
190	7	0.902	0.52	-0.00	152.6	3.9823	427.4	1.1264	1.2623	0.8351
190	8	0.902	1.56	-0.00	158.0	4.0429	445.1	1.1235	1.2615	0.8352
191	1	0.901	-4.32	-0.00	218.7	5.8517	615.8	1.1011	1.2697	0.5735
191	2	0.902	-1.34	-0.00	219.0	5.8277	615.7	1.1133	1.2683	0.5735
191	3	0.902	-1.66	-0.00	219.2	5.8091	617.9	1.1153	1.2683	0.5735
191	4	0.902	-0.66	-0.00	218.0	5.7323	617.9	1.1153	1.2683	0.5735
191	5	0.901	0.05	-0.00	218.0	5.7323	617.9	1.1153	1.2683	0.5735
191	6	0.901	0.57	-0.00	218.0	5.6831	618.0	1.1153	1.2683	0.5735
191	7	0.902	1.55	-0.00	217.1	5.5998	618.0	1.1153	1.2683	0.5735
192	1	0.902	-4.32	-0.00	336.0	9.0146	945.6	1.1278	1.3398	0.8739
192	2	0.901	-1.34	-0.00	326.0	8.6793	945.6	1.1278	1.3398	0.8739
192	3	0.902	-1.66	-0.00	323.1	8.5247	945.6	1.1278	1.3398	0.8739
192	4	0.901	-0.66	-0.00	323.1	8.3847	945.6	1.1278	1.3398	0.8739
192	5	0.901	0.05	-0.00	323.1	8.3847	945.6	1.1278	1.3398	0.8739
192	6	0.900	0.59	-0.00	323.1	8.2660	945.6	1.1278	1.3398	0.8739
192	7	0.901	1.55	-0.00	323.1	8.4820	945.6	1.1278	1.3398	0.8739
192	8	0.901	-4.32	-0.00	318.0	8.3021	945.6	1.1278	1.3398	0.8739
193	1	0.901	-4.32	-0.00	44.0	0.0194	454.3	0.8606	0.8644	0.0666
193	2	0.901	-1.34	-0.00	44.0	0.0140	454.3	0.8606	0.8644	0.0666
193	3	0.902	-1.66	-0.00	44.0	0.0192	454.3	0.8606	0.8644	0.0666
193	4	0.900	-0.66	-0.00	44.0	0.0194	454.3	0.8606	0.8644	0.0666
193	5	0.900	0.05	-0.00	44.0	0.0194	454.3	0.8606	0.8644	0.0666
193	6	0.901	0.59	-0.00	44.0	0.0194	454.3	0.8606	0.8644	0.0666
193	7	0.901	1.55	-0.00	44.0	0.0194	454.3	0.8606	0.8644	0.0666
193	8	0.901	-4.32	-0.00	44.0	0.0194	454.3	0.8606	0.8644	0.0666

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	φ _A	P _s	CRT	PL	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
193	13	1.000	0.676	0.00	4.5	0.0242	442.9	0.8710	0.8686	0.3813
193	14	1.001	1.765	0.00	4.5	0.0294	441.8	0.8628	0.8632	0.3793
193	17	1.002	-0.32	0.00	4.5	0.0242	426.0	0.8688	0.8667	0.4173
194	1	1.000	3.0	-0.00	113.9	2.6361	315.4	1.194	1.2282	2.7304
194	2	0.999	-2.27	-0.00	111.6	2.5724	307.5	1.2383	1.2373	2.6250
194	3	1.001	-1.32	-0.00	110.7	2.5371	306.6	1.2514	1.2459	2.6480
194	4	1.001	-0.86	-0.00	110.7	2.5320	304.1	1.2533	1.2467	2.6267
194	5	1.001	-0.30	-0.00	110.1	2.5053	304.3	1.2546	1.2400	2.6229
194	6	1.000	0.14	-0.00	109.4	2.4950	302.5	1.2540	1.2446	2.6071
194	7	0.999	0.64	-0.00	109.4	2.5023	302.3	1.2547	1.2435	2.6171
194	8	1.001	1.64	-0.00	108.5	2.4880	299.9	1.2530	1.2431	2.6011
194	9	1.001	3.74	-0.00	108.5	2.4836	299.9	1.2530	1.2431	2.6011
195	1	1.002	2.8	-0.00	170.9	3.9905	474.6	1.2883	1.2638	4.1504
195	2	1.000	-2.32	-0.00	168.2	3.9603	471.1	1.2883	1.2638	4.1091
195	3	0.999	-1.32	-0.00	168.2	3.9890	471.1	1.2883	1.2638	4.1091
195	4	1.001	-0.99	-0.00	167.1	3.9990	469.2	1.2883	1.2638	4.1091
195	5	1.001	-0.33	-0.00	166.5	3.9827	466.5	1.2883	1.2638	4.1091
195	6	1.001	0.14	-0.00	165.1	3.9837	465.4	1.2883	1.2638	4.1091
195	7	1.001	0.66	-0.00	165.1	3.9837	465.4	1.2883	1.2638	4.1091
195	8	1.002	1.71	-0.00	165.1	3.9837	465.4	1.2883	1.2638	4.1091
195	9	1.002	3.67	-0.00	165.1	3.9837	465.4	1.2883	1.2638	4.1091
196	1	1.001	5.28	-0.00	246.7	5.9718	695.7	1.3505	1.3489	6.1358
196	2	1.002	-2.36	-0.00	244.7	5.9024	695.7	1.3505	1.3489	6.1358
196	3	1.001	-1.79	-0.00	244.7	5.9359	695.7	1.3505	1.3489	6.1358
196	4	1.001	-0.79	-0.00	244.7	5.9359	701.4	1.3505	1.3489	6.1358
196	5	1.004	-0.32	-0.00	245.0	5.9527	701.4	1.3505	1.3489	6.1358
196	6	1.001	0.16	-0.00	247.8	5.9360	701.4	1.3505	1.3489	6.1358
196	7	1.001	0.61	-0.00	248.7	5.9361	701.4	1.3505	1.3489	6.1358
196	8	1.001	1.62	-0.00	250.1	5.9361	701.4	1.3505	1.3489	6.1358
196	9	1.000	3.62	-0.00	250.1	5.9361	701.4	1.3505	1.3489	6.1358
197	1	1.004	5.6	-0.00	329.6	7.0560	828.7	1.4299	1.4299	7.1141
197	2	1.001	-2.34	-0.00	329.6	7.0319	828.7	1.4299	1.4299	7.1141
197	3	1.001	-1.32	-0.00	329.6	7.0319	828.7	1.4299	1.4299	7.1141
197	4	1.000	-0.86	-0.00	329.6	7.0319	828.7	1.4299	1.4299	7.1141
197	5	1.000	-0.36	-0.00	329.6	7.0319	828.7	1.4299	1.4299	7.1141
197	6	1.000	0.17	-0.00	329.6	7.0319	828.7	1.4299	1.4299	7.1141
197	7	1.000	0.58	-0.00	329.6	7.0319	828.7	1.4299	1.4299	7.1141
197	8	1.000	1.58	-0.00	329.6	7.0319	828.7	1.4299	1.4299	7.1141
197	9	1.002	1.65	-0.00	329.6	7.0319	828.7	1.4299	1.4299	7.1141

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	ϕ_A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
197	10	1.002	3.64	-0.00	297.2	6.7746	838.5	1.3555	1.3549	7.6799
198	4	1.204	-4.14	0.00	348.0	7.2116	987.7	1.3898	1.3887	8.7570
198	5	1.205	-2.20	-0.00	347.7	7.0370	983.3	1.4264	1.4338	8.7236
198	6	1.202	-1.21	-0.00	347.0	6.3754	986.4	1.4633	1.4530	8.8047
198	8	1.203	-0.23	-0.00	346.3	6.8122	978.9	1.5042	1.5121	8.8353
198	9	1.202	0.20	-0.00	347.5	6.7776	983.8	1.5184	1.5206	8.8874
198	10	1.202	0.70	0.00	349.1	6.7665	988.2	1.5117	1.5255	8.8942
198	11	1.202	1.72	0.00	349.7	6.9865	987.3	1.5117	1.4954	8.9585
198	12	1.202	3.78	0.00	347.7	6.8878	980.7	1.3728	1.4174	8.8796
199	1	1.204	4.15	0.00	287.1	7.372	806.0	1.436	1.531	7.735
199	2	1.202	-2.27	-0.00	286.5	5.6852	805.6	1.4053	1.4390	7.7351
199	3	1.202	-1.28	-0.00	287.1	5.6538	810.9	1.4178	1.4377	7.7311
199	4	1.202	-0.74	-0.00	287.1	5.6095	806.7	1.4269	1.4409	7.7310
199	5	1.202	-0.21	-0.00	288.0	5.5947	812.5	1.4661	1.4865	7.7329
199	6	1.202	0.25	-0.00	286.0	5.5140	806.5	1.4926	1.4855	7.7352
199	7	1.203	1.64	-0.00	288.9	5.7350	803.4	1.4527	1.4542	7.7354
199	8	1.203	3.72	-0.00	286.7	5.6538	808.7	1.3762	1.427	7.7360
200	1	1.202	4.21	-0.00	201.9	3.946	562.0	1.449	1.271	5.164
200	2	1.203	-2.19	-0.00	202.8	3.0359	566.7	1.3289	1.3579	5.166
200	3	1.203	-1.21	-0.00	202.9	3.9919	563.7	1.3484	1.3379	5.165
200	4	1.203	-0.74	-0.00	201.0	3.9634	565.0	1.3695	1.3421	5.165
200	5	1.203	-0.23	-0.00	200.3	3.8829	558.0	1.4212	1.4271	5.165
200	6	1.203	0.26	-0.00	201.6	3.9231	560.6	1.4410	1.4397	5.165
200	7	1.203	1.73	-0.00	201.2	3.9002	561.1	1.3810	1.3557	5.165
200	8	1.203	3.78	0.00	200.3	3.8710	559.3	1.3630	1.3529	5.165
201	1	1.203	4.22	-0.00	124.3	4.589	343.1	1.391	1.580	3.370
201	2	1.203	-2.18	-0.00	124.3	4.4600	343.1	1.3939	1.580	3.370
201	3	1.203	-1.21	-0.00	123.6	4.4313	341.9	1.3999	1.582	3.370
201	4	1.203	-0.76	-0.00	123.6	4.5025	340.0	1.3418	1.5470	3.370
201	5	1.202	-0.20	-0.00	122.2	4.5569	338.7	1.3559	1.5537	3.370
201	6	1.203	0.27	-0.00	123.2	4.4766	337.4	1.3574	1.5560	3.370
201	7	1.203	1.75	-0.00	121.1	4.4299	336.0	1.3299	1.5228	3.370
201	8	1.203	3.77	-0.00	122.1	4.298	336.0	1.3299	1.5228	3.370
202	1	1.203	-4.24	-0.00	4.6	0.0348	0.7889	0.7889	0.7856	0.7856

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	φ _A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
202	3	1.202	-2.25	0.00	5.6	0.0438	812.3	0.8032	0.7992	7.2633
202	3	1.202	-1.74	0.00	4.2	0.0346	802.0	0.8056	0.8029	7.2631
202	4	1.203	-0.26	0.00	5.0	0.0664	804.5	0.8092	0.8063	7.2615
202	5	1.202	-0.21	0.00	5.0	0.0435	808.0	0.8066	0.8031	7.2645
202	6	1.203	0.21	0.00	5.0	0.0434	808.0	0.8059	0.8031	7.2675
202	7	1.203	0.73	0.00	5.5	0.0524	810.2	0.8049	0.8046	7.2658
202	8	1.204	1.73	0.00	5.3	0.0479	806.7	0.8022	0.8005	7.2671
202	9	1.202	3.83	0.00	5.5	0.0523	808.0	0.8065	0.8006	7.2633
202	10	1.202	-0.25	0.00	5.5	0.0523	808.0	0.8065	0.8006	7.2631
204	4	1.204	-4.20	0.00	295.6	5.1741	4.3	1.3486	1.3767	7.2633
204	5	1.203	-2.20	0.00	291.8	6.0580	4.0	1.4176	1.4544	7.2615
204	6	1.203	-1.12	0.00	291.8	6.0273	4.0	1.4523	1.4921	7.2645
204	7	1.203	-0.21	0.00	292.3	6.0051	4.0	1.4563	1.4995	7.2675
204	8	1.202	0.21	-0.00	293.3	6.9791	4.2	1.4727	1.4970	7.2658
204	9	1.203	0.20	-0.00	293.3	6.9481	4.3	1.4877	1.4981	7.2671
204	10	1.203	0.78	-0.00	299.0	7.2334	4.7	1.4947	1.4981	7.2633
204	11	1.203	1.83	-0.00	299.3	7.4234	5.9	1.4337	1.4363	7.2631
204	12	1.204	3.75	0.00	294.4	7.7275	8.0	1.3392	1.3635	7.2633
205	1	1.202	-4.14	0.00	208.2	4.1127	2.4	2.9889	3.278	5.5593
205	2	1.202	-2.27	0.00	206.6	4.0633	4.5	2.3378	2.8033	5.5593
205	3	1.204	-1.68	0.00	206.6	4.0355	5.9	2.3534	2.8033	5.5593
205	4	1.203	-0.60	0.00	205.5	4.0312	7.7	2.3861	2.8033	5.5593
205	5	1.202	0.29	0.00	215.6	4.0060	6.4	2.4197	2.8033	5.5593
205	6	1.203	0.81	0.00	207.3	4.0180	4.9	2.4197	2.8033	5.5593
205	7	1.203	1.82	0.00	207.7	4.0066	5.7	2.4029	2.8033	5.5593
205	8	1.203	3.73	0.00	207.7	4.0010	5.7	2.4029	2.8033	5.5593
206	1	1.201	-4.08	0.00	33.3	0.060	7.9	7.824	7.762	0.5510
206	2	1.202	-2.27	0.00	33.3	0.0109	8.3	7.824	7.762	0.5510
206	3	1.203	-1.27	0.00	33.3	0.0071	8.3	7.824	7.762	0.5510
206	4	1.203	-0.78	0.00	33.3	0.0126	8.3	7.824	7.762	0.5510
206	5	1.201	0.18	0.00	33.3	0.0080	8.3	7.824	7.762	0.5510
206	6	1.201	0.80	0.00	33.3	0.0217	8.3	7.824	7.762	0.5510
206	7	1.201	1.78	0.00	33.3	0.0171	8.3	7.824	7.762	0.5510
206	8	1.203	3.92	0.00	33.3	0.0171	8.3	7.824	7.762	0.5510
206	9	1.201	-0.24	0.00	33.3	0.0124	8.3	7.824	7.762	0.5510
207	1	1.000	-4.21	-0.10	251.5	5.8770	7.9	1.2952	1.3230	6.1526
207	2	1.000	-2.23	-0.10	253.5	5.8997	7.9	1.3116	1.3501	6.1526

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	ϕ_A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
207	3	1.0001	-1.277	-0.00	253.12	5.559	702.03	1.3389	1.3786	3.3637
207	4	1.0000	-0.269	-0.00	254.19	5.528	700.66	1.3377	1.3785	3.3637
207	5	1.0000	-0.195	-0.00	253.70	5.522	700.93	1.3385	1.3784	3.3637
207	6	1.0000	0.775	-0.00	251.09	5.524	698.94	1.3386	1.3784	3.3637
207	7	1.0000	1.777	-0.00	251.09	5.524	698.94	1.3386	1.3784	3.3637
207	8	1.0000	3.70	-0.00	251.09	5.524	701.0	1.3340	1.3784	3.3637
207	9	1.0000	3.70	-0.00	251.09	5.524	701.0	1.3340	1.3784	3.3637
208	1	1.001	-4.31	0.00	169.64	4.060	469.8	1.2366	1.2766	4.495
208	2	1.001	-2.25	-0.00	169.08	4.046	468.5	1.2353	1.2753	4.495
208	3	1.001	-1.30	-0.00	169.08	4.043	468.5	1.2353	1.2753	4.495
208	4	1.001	-0.77	-0.00	167.08	4.057	466.6	1.2311	1.2719	4.495
208	5	1.001	-0.28	-0.00	167.08	4.057	466.6	1.2311	1.2719	4.495
208	6	1.001	0.249	-0.00	170.39	4.041	477.1	1.2311	1.2719	4.495
208	7	1.000	0.69	-0.00	169.59	4.041	477.1	1.2311	1.2719	4.495
208	8	1.000	1.71	-0.00	169.59	4.041	477.1	1.2311	1.2719	4.495
208	9	1.000	3.64	-0.00	169.59	4.041	477.1	1.2311	1.2719	4.495
209	1	1.002	-4.26	0.00	3.79	0.049	590.6	0.8432	0.8226	0.0547
209	2	1.002	-2.31	0.00	3.39	0.051	593.7	0.8669	0.8667	0.0547
209	3	1.002	-1.32	0.00	3.39	0.051	593.7	0.8669	0.8667	0.0547
209	4	1.002	-0.82	0.00	3.39	0.051	593.7	0.8669	0.8667	0.0547
209	5	1.002	-0.29	0.00	3.39	0.051	593.7	0.8669	0.8667	0.0547
209	6	1.002	0.20	0.00	3.39	0.051	593.7	0.8669	0.8667	0.0547
209	7	1.002	0.71	0.00	3.39	0.051	593.7	0.8669	0.8667	0.0547
209	8	1.002	1.69	0.00	3.39	0.051	593.7	0.8669	0.8667	0.0547
209	9	1.002	3.33	0.00	3.39	0.051	593.7	0.8669	0.8667	0.0547
210	1	0.901	-4.33	-0.00	4.39	8.724	910.3	1.5571	1.6373	8.041
210	2	0.902	-2.50	-0.00	3.59	8.601	909.4	1.5571	1.6373	8.041
210	3	0.901	-1.48	-0.00	3.59	8.601	909.4	1.5571	1.6373	8.041
210	4	0.901	-0.88	-0.00	3.59	8.601	909.4	1.5571	1.6373	8.041
210	5	0.902	-0.40	-0.00	3.59	8.601	909.4	1.5571	1.6373	8.041
210	6	0.900	0.07	-0.00	3.59	8.601	909.4	1.5571	1.6373	8.041
210	7	0.901	1.66	-0.00	3.59	8.601	909.4	1.5571	1.6373	8.041
210	8	0.901	3.57	-0.00	3.59	8.601	909.4	1.5571	1.6373	8.041
211	1	0.902	-4.35	-0.00	219.24	5.741	614.9	1.2147	1.2364	4.487
211	2	0.902	-2.35	-0.00	217.8	5.634	609.4	1.2147	1.2364	4.487
211	3	0.901	-1.35	-0.00	216.6	5.634	609.4	1.2147	1.2364	4.487
211	4	0.902	-0.97	-0.00	216.6	5.634	609.4	1.2147	1.2364	4.487

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	ϕ_A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
211	5	0.902	-0.42	-0.00	215.9	5.5575	637.3	1.2785	1.2845	5.4232
211	6	0.901	0.14	-0.00	218.2	5.6101	611.7	1.2862	1.2804	5.3914
211	7	0.902	0.61	-0.00	217.6	5.5700	609.9	1.2733	1.2530	5.3286
211	8	0.902	1.56	-0.00	217.4	5.5283	608.2	1.2410	1.2316	5.4581
212	1	0.902	-4.45	0.00	5.1	0.0306	797.0	0.9153	0.9092	0.903
212	2	0.901	-2.42	0.00	5.1	0.0314	801.4	0.9234	0.9217	0.6401
212	3	0.901	-1.29	0.00	5.1	0.0316	805.3	0.9248	0.9235	0.7401
212	4	0.901	-0.29	0.00	5.1	0.0317	809.5	0.9258	0.9252	0.6417
212	5	0.901	-0.40	0.00	5.1	0.0380	815.5	0.9264	0.9252	0.6945
212	6	0.901	0.12	0.00	5.1	0.0439	817.4	0.9267	0.9243	0.6948
212	7	0.900	0.68	0.00	5.1	0.0377	822.0	0.9266	0.9231	0.6952
212	8	0.901	1.68	0.00	5.1	0.0318	823.5	0.9265	0.9231	0.6958
212	9	0.900	3.71	-0.00	5.1	0.0377	825.3	0.9256	0.9214	0.7436
212	10	0.900	-0.42	-0.00	5.1	0.0437	827.0	0.9256	0.9145	0.6956
213	1	0.700	-4.52	0.00	9.4	0.0890	826.4	0.9559	0.9515	0.917
213	2	0.700	-2.47	0.00	6.6	0.0718	824.3	0.9597	0.9569	0.7386
213	3	0.699	-1.45	0.00	6.6	0.0804	821.9	0.9593	0.9579	0.6302
213	4	0.700	-1.05	0.00	6.6	0.0717	819.1	0.9611	0.9581	0.7712
213	5	0.700	-0.51	0.00	6.6	0.0802	817.3	0.9617	0.9583	0.6351
213	6	0.700	-0.51	0.00	6.6	0.0800	814.3	0.9606	0.9574	0.6349
213	7	0.700	1.47	0.00	6.6	0.0713	811.6	0.9595	0.9574	0.6349
213	8	0.700	3.50	0.00	6.6	0.0713	811.6	0.9595	0.9558	0.7324
213	9	0.699	-0.54	0.00	6.6	0.0627	808.0	0.9615	0.9558	0.6324
214	1	0.700	-4.45	0.00	157.8	5.5622	435.3	1.0987	1.1628	3.911
214	2	0.701	-2.52	-0.00	154.8	5.7172	430.4	1.1131	1.1388	3.7489
214	3	0.700	-1.48	-0.00	154.1	5.7301	430.3	1.1131	1.1388	3.7489
214	4	0.700	-0.53	-0.00	154.4	5.6559	428.5	1.1380	1.1380	3.7314
214	5	0.700	-0.53	-0.00	153.2	5.6559	428.5	1.1380	1.1380	3.7314
214	6	0.701	-0.51	-0.00	155.0	5.7027	433.1	1.1490	1.1375	3.6765
214	7	0.700	1.63	-0.00	154.1	5.6611	429.1	1.1412	1.1350	3.6898
214	8	0.701	3.42	-0.00	153.4	5.6247	426.5	1.1278	1.1165	3.6706
215	1	0.699	-4.45	0.00	272.9	10.3178	768.7	1.1382	1.1407	6.7777
215	2	0.700	-2.56	-0.00	273.6	10.2577	771.3	1.1451	1.1552	6.7875
215	3	0.700	-1.51	-0.00	273.1	10.1748	769.1	1.1541	1.1632	6.7593
215	4	0.701	-0.97	-0.00	272.7	10.0705	769.1	1.1685	1.1737	6.7306
215	5	0.700	-0.51	-0.00	273.1	10.0513	768.0	1.1685	1.1737	6.7306

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	ϕ_A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
215	6	0.700	-0.057	-0.00	273.6	10.0042	770.0	1.1700	1.1769	6.8202
215	8	0.700	1.47	-0.00	275.2	10.2010	771.8	1.1703	1.1538	6.8230
217	4	0.700	-4.53	-0.00	6.5	0.0751	382.5	0.9556	0.9540	6.8666
217	5	0.701	-2.57	-0.00	6.5	0.0746	385.2	0.9576	0.9531	0.3563
217	7	0.701	-1.51	-0.00	6.5	0.0740		0.9581	0.9513	0.3574
217	8	0.700	-0.67	-0.00	6.5	0.0630		0.9557	0.9496	
217	9	0.701	-0.52	-0.00	6.5	0.0739		0.9564	0.9477	
217	10	0.701	-0.07	0.00	6.5	0.0823		0.9560	0.9469	
217	11	0.701	0.47	0.00	6.5	0.0731		0.9552	0.9493	
217	12	0.701	1.35	0.00	6.5	0.0734	407.7	0.9523	0.9495	0.3656
217	13	0.700	-0.35	0.00	6.5	0.0727	407.7	0.9543	0.9485	0.3676
218	8	0.701	4.57	0.00	119.0	2260	315.6	1.0943	1.0374	2.8497
218	9	0.701	-2.46	-0.00	117.7	4.1654	312.6	1.1075	1.1097	2.8801
218	10	0.700	-1.52	-0.00	117.5	4.1550	311.0	1.1089	1.1083	2.8906
218	11	0.701	-0.47	-0.00	117.2	4.1344	309.9	1.1106	1.1090	2.8949
218	13	0.700	-0.00	-0.00	116.0	4.1252	308.0	1.1111	1.1072	2.8774
218	14	0.700	0.49	-0.00	116.0	4.1206	307.1	1.1096	1.1066	2.8671
218	15	0.700	1.52	-0.00	115.4	4.1091	306.8	1.1038	1.1017	2.8750
219	1	0.699	-4.54	0.00	165.0	6.0171	44.5	1.0928	1.1911	4.1011
219	2	0.700	-2.48	-0.00	163.9	5.9023	43.4	1.1128	1.1341	4.1036
219	3	0.700	-1.48	-0.00	163.9	5.9334	43.4	1.1282	1.1397	4.1034
219	4	0.700	-0.97	-0.00	161.7	5.8519	43.0	1.1319	1.1389	4.1055
219	5	0.700	-0.50	-0.00	161.4	5.8262	42.9	1.1399	1.1380	4.1022
219	6	0.700	-0.02	-0.00	161.4	5.8088	42.7	1.1366	1.1362	4.1050
219	7	0.701	0.54	-0.00	161.0	5.7769	42.7	1.1343	1.1331	4.1031
219	8	0.700	1.56	-0.00	160.1	5.7469	42.7	1.1236	1.1188	4.1031
220	1	0.700	-4.47	-0.00	283.7	10.396	765.3	1.1216	1.1616	7.8161
220	2	0.701	-2.47	-0.00	282.9	10.309	765.3	1.1445	1.1617	7.8051
220	3	0.700	-1.54	-0.00	280.0	10.5825	759.1	1.1606	1.1773	7.8480
220	4	0.701	-0.95	-0.00	279.8	10.4416	758.6	1.1765	1.1829	7.8019
220	5	0.702	-0.55	-0.00	281.9	10.3503	758.6	1.1850	1.1866	7.8272
220	6	0.701	-0.07	-0.00	280.0	10.2269	760.3	1.1848	1.1855	7.8173
220	7	0.701	0.47	-0.00	280.0	10.2369	760.3	1.1848	1.1855	7.8173
220	8	0.701	1.55	-0.00	280.0	10.2369	760.3	1.1848	1.1855	7.8173

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	φ _A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
220	9	0.700	3.49	-0.00	282.0	10.2006	763.1	1.1487	1.1501	7.3912
221	4	0.902	-4.43	0.00	6.7	0.0749		0.9211	0.7119	
221	5	0.901	-2.33	0.00	6.7	0.0749		0.9211	0.7119	
221	6	0.901	-1.36	0.00	6.9	0.0806		0.9223	0.7065	
221	7	0.902	-0.85	0.00	6.9	0.0805		0.9169	0.7053	
221	8	0.902	-0.36	0.00	6.9	0.0803		0.9109	0.7044	
221	9	0.902	0.13	0.00	7.1	0.0861		0.9080	0.7033	
221	10	0.901	0.62	0.00	7.1	0.0859		0.9102	0.7010	
221	11	0.902	1.16	0.00	7.1	0.0858		0.9085	0.7010	
221	12	0.902	3.63	0.00	7.6	0.0980		0.9097	0.7010	
222	1	0.902	-4.32	0.00	164.5	2.654	35.3	1.0008	1.2244	4.9267
222	2	0.902	-2.33	-0.00	164.5	4.2413	35.3	1.1626	1.2244	4.9267
222	3	0.901	-1.36	-0.00	163.0	4.2013	35.3	1.2223	1.2244	4.9267
222	4	0.902	-0.85	-0.00	164.5	4.1783	35.3	1.2223	1.2244	4.9267
222	5	0.902	-0.36	-0.00	163.0	4.1388	35.3	1.2223	1.2244	4.9267
222	6	0.902	0.13	-0.00	164.5	4.1388	35.3	1.2223	1.2244	4.9267
222	7	0.902	0.61	-0.00	163.0	4.1068	35.3	1.2223	1.2244	4.9267
222	8	0.901	1.71	-0.00	163.0	4.1054	35.3	1.2223	1.2244	4.9267
222	9	0.901	3.56	-0.00	164.5	4.1084	35.3	1.2221	1.2206	4.9267
223	1	0.902	-4.30	-0.00	227.0	6.0593	610.0	1.1951	1.2499	5.7012
223	2	0.901	-2.41	-0.00	228.2	6.0363	613.5	1.2389	1.2499	5.7012
223	3	0.902	-1.41	-0.00	227.0	6.0628	613.5	1.2389	1.2499	5.7012
223	4	0.902	-0.89	-0.00	228.2	6.0581	612.6	1.2389	1.2499	5.7012
223	5	0.903	-0.40	-0.00	228.2	6.0581	612.6	1.2389	1.2499	5.7012
223	6	0.901	0.13	-0.00	225.6	6.0897	613.5	1.2389	1.2499	5.7012
223	7	0.901	0.58	-0.00	226.9	6.0149	614.0	1.2389	1.2499	5.7012
223	8	0.901	1.58	-0.00	227.0	6.0229	613.5	1.2389	1.2499	5.7012
223	9	0.900	3.62	-0.00	232.3	6.0606	622.0	1.2411	1.2411	5.7012
224	1	0.902	-4.37	-0.00	338.5	8.8612	915.5	1.2404	1.2652	8.7746
224	2	0.901	-2.39	-0.00	334.5	8.6781	910.0	1.2389	1.2652	8.7746
224	3	0.901	-1.46	-0.00	334.5	8.5781	910.0	1.2389	1.2652	8.7746
224	4	0.901	-0.86	-0.00	334.5	8.9607	910.0	1.2389	1.2652	8.7746
224	5	0.901	0.40	-0.00	335.8	8.9086	910.0	1.2389	1.2652	8.7746
224	6	0.901	0.14	-0.00	335.8	8.9315	910.0	1.2389	1.2652	8.7746
224	7	0.901	1.67	-0.00	334.5	8.7067	910.0	1.2389	1.2652	8.7746
224	8	0.902	3.58	-0.00	336.5	8.6013	913.7	1.2494	1.2780	8.7746
225	4	1.000	-4.31	0.00	4.6	0.0265	0.8025	0.8025	0.8000	

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _C	α	ϕ_A	P _S	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
225	5	1.001	-2.24	0.00	4.9	0.0319	308.2	0.8093	0.8077	2.4408
225	6	1.002	-1.24	0.00	4.6	0.0318	306.2	0.8050	0.8074	2.4408
225	7	1.001	-0.75	0.00	4.9	0.0316	305.4	0.8055	0.8030	2.4408
225	8	1.001	-0.24	0.00	4.9	0.0316	305.4	0.8055	0.8054	2.4408
225	9	1.002	0.24	0.00	4.9	0.0316	305.4	0.8055	0.8054	2.4408
225	10	1.003	0.74	0.00	5.1	0.0317	305.4	0.8067	0.8022	2.4408
225	11	0.999	1.80	0.00	5.1	0.0368	305.4	0.8121	0.8033	2.4408
225	12	1.001	3.80	0.00	5.3	0.0318	305.4	0.8035	0.7931	2.4408
225	13	1.001	-0.30	0.00	5.3	0.0432	305.4	0.8064	0.8060	2.4408
226	1	1.000	4.11	0.00	11.6	7.189	308.2	1.2077	1.2408	2.4408
226	2	1.002	-1.17	-0.00	11.4	2.675	306.2	1.2344	1.2408	2.4408
226	3	1.002	-1.24	-0.00	11.4	2.675	306.2	1.2344	1.2408	2.4408
226	4	1.001	-0.64	-0.00	11.3	2.663	305.4	1.2344	1.2408	2.4408
226	5	1.001	0.21	-0.00	11.3	2.663	305.4	1.2344	1.2408	2.4408
226	6	1.001	0.71	-0.00	11.2	2.663	305.4	1.2344	1.2408	2.4408
226	7	1.002	1.84	-0.00	11.2	2.635	305.4	1.2344	1.2408	2.4408
226	8	1.002	3.81	-0.00	11.2	2.635	305.4	1.2344	1.2408	2.4408
227	1	1.002	4.20	0.00	17.4	4.216	473.5	1.4544	1.3066	4.4408
227	2	1.002	-2.30	-0.00	17.5	2.207	473.5	1.4544	1.3066	4.4408
227	3	1.002	-1.20	-0.00	17.5	2.195	473.5	1.4544	1.3066	4.4408
227	4	1.002	-0.70	-0.00	17.5	2.174	473.5	1.4544	1.3066	4.4408
227	5	1.002	0.28	-0.00	17.5	2.174	473.5	1.4544	1.3066	4.4408
227	6	1.002	0.80	-0.00	17.3	2.163	473.5	1.4544	1.3066	4.4408
227	7	1.001	1.71	-0.00	17.4	2.123	473.5	1.4544	1.3066	4.4408
227	8	1.003	3.69	-0.00	17.4	2.111	473.5	1.4544	1.3066	4.4408
228	1	1.003	4.26	-0.00	25.1	6.011	692.9	1.3127	1.3498	6.6666
228	2	1.002	-2.26	-0.00	25.0	3.145	686.6	1.3127	1.3498	6.6666
228	3	1.002	-1.29	-0.00	25.0	3.145	686.6	1.3127	1.3498	6.6666
228	4	1.001	-0.79	-0.00	25.1	3.162	686.6	1.3127	1.3498	6.6666
228	5	1.001	0.20	-0.00	25.2	3.162	686.6	1.3127	1.3498	6.6666
228	6	1.001	0.81	-0.00	25.0	3.162	686.6	1.3127	1.3498	6.6666
228	7	1.003	1.79	-0.00	25.0	3.162	686.6	1.3127	1.3498	6.6666
228	8	1.004	3.74	-0.00	25.9	5.870	712.5	1.3127	1.3498	6.6666
229	1	1.002	4.18	-0.00	29.9	7.322	823.1	1.3160	1.3519	7.8129
229	2	1.002	-2.27	-0.00	30.8	3.491	847.4	1.3160	1.3519	7.8129
229	3	1.002	-1.25	-0.00	30.8	3.491	847.4	1.3160	1.3519	7.8129

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	φ _A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
229	4	1.001	-0.73	-0.00	304.7	7.2880	837.7	1.4082	1.232	7.9343
229	5	1.002	-0.21	-0.00	305.5	7.2242	838.6	1.4314	1.4326	7.9328
229	6	1.001	0.76	-0.00	306.2	7.1841	839.9	1.4366	1.4343	7.9380
229	7	1.001	1.75	-0.00	305.4	7.1107	839.0	1.4385	1.4279	7.9531
229	8	1.001	3.70	-0.00	297.5	6.8398	816.0	1.4388	1.4335	7.9069
229	9	1.001	4.17	-0.00	351.4	7.2456	970.3	1.3652	1.3540	7.7656
230	2	1.204	-2.12	0.00	355.6	7.2072	977.4	1.4254	1.3800	9.2762
230	3	1.200	-1.73	0.00	353.3	7.1193	978.2	1.4293	1.4542	9.3466
230	4	1.202	-0.19	0.00	355.0	7.0796	979.5	1.4476	1.4576	9.3297
230	5	1.202	0.35	-0.00	354.5	7.0428	980.5	1.4970	1.4542	9.3081
230	6	1.202	0.86	-0.00	354.1	6.9633	980.9	1.5308	1.4537	9.3324
230	7	1.203	1.84	-0.00	356.4	6.9267	981.8	1.5390	1.4561	9.3454
230	8	1.204	3.80	-0.00	356.4	6.8546	982.7	1.5375	1.4578	9.3486
230	9	1.204	4.16	-0.00	293.7	7.1661	809.8	1.3557	1.3572	9.3401
231	1	1.203	-4.31	0.00	290.2	9247	809.8	1.4037	1.586	7.6510
231	2	1.202	-2.25	0.00	286.2	5.7736	798.9	1.4379	1.4139	7.6607
231	3	1.201	-1.21	0.00	293.3	5.6430	805.8	1.4609	1.4382	7.5187
231	4	1.203	-0.24	0.00	293.6	5.6733	808.9	1.4799	1.4502	7.5235
231	5	1.204	0.75	-0.00	291.1	5.6472	804.1	1.4516	1.4511	7.5252
231	6	1.203	1.74	-0.00	293.2	5.9772	806.8	1.5186	1.4591	7.5252
231	7	1.203	3.74	-0.00	290.9	5.8553	805.8	1.4650	1.4569	7.5252
231	8	1.203	4.17	-0.00	211.7	5788	575.9	1.3814	1.3694	7.5252
232	1	1.203	-4.24	0.00	210.6	4.2788	575.0	1.3655	1.4072	5.9455
232	2	1.204	-2.27	-0.00	209.0	4.2452	575.0	1.3668	1.4040	5.9455
232	3	1.203	-1.27	-0.00	210.7	4.1989	575.0	1.4135	1.4409	5.9455
232	4	1.203	-0.28	-0.00	211.1	4.1829	575.0	1.4475	1.4463	5.9455
232	5	1.202	0.78	-0.00	211.8	4.1739	575.0	1.4697	1.4483	5.9455
232	6	1.204	1.78	-0.00	209.7	4.0810	571.2	1.4437	1.4417	5.9455
232	7	1.204	3.72	-0.00	209.3	4.0798	572.8	1.4376	1.4342	5.9455
232	8	1.204	4.17	0.00	127.7	5.127	435.4	1.2605	1.338	5.9455
233	1	1.203	-2.24	-0.00	126.1	4.995	439.9	1.3358	1.3231	5.9455
233	2	1.203	-1.25	-0.00	126.9	4.821	438.1	1.3356	1.3204	5.9455
233	3	1.203	-0.26	-0.00	125.7	4.790	438.8	1.3340	1.3201	5.9455
233	4	1.205	0.72	-0.00	126.1	4.744	438.8	1.3340	1.3222	5.9455
233	5	1.203	1.72	-0.00	126.1	4.676	438.8	1.3340	1.3222	5.9455

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	ϕ_A	P _g	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
233	7	1.203	0.73	-0.00	125.9	2.4839	338.5	1.3361	1.3252	3.1619
233	8	1.203	1.79	-0.00	125.9	2.4851	338.1	1.3300	1.3162	3.1139
233	9	1.203	3.69	-0.00	125.9	2.4857	337.2	1.3200	1.2941	3.1177
234	4	1.204	-4.29	0.00	3.5	0.0133		0.7630	0.7500	
234	5	1.204	-2.15	0.00	3.7	0.0132		0.7656	0.7477	
234	6	1.203	-1.26	0.00	3.7	0.0177		0.7671	0.7500	
234	7	1.204	-0.67	0.00	3.7	0.0176		0.7616	0.7507	
234	8	1.203	-0.18	0.00	3.7	0.0175		0.7599	0.7529	
234	9	1.204	0.31	0.00	4.0	0.0220		0.7576	0.7512	
234	10	1.202	0.83	0.00	3.5	0.0127		0.7576	0.7500	
234	11	1.202	1.90	0.00	4.0	0.0218		0.7596	0.7493	
234	12	1.203	3.79	0.00	4.0	0.0218		0.7638	0.7539	
235	1	0.402	-4.61	-0.00	7.6	0.2319		0.9875	0.9841	
235	2	0.402	-2.62	-0.00	7.3	0.2097		0.9869	0.9841	
235	3	0.401	-1.64	-0.00	7.1	0.1888		0.9867	0.9834	
235	4	0.400	-1.19	-0.00	7.3	0.2133		0.9863	0.9833	
235	5	0.401	-0.66	-0.00	7.3	0.2117		0.9864	0.9831	
235	6	0.401	-0.18	-0.00	7.6	0.2332		0.9859	0.9827	
235	7	0.401	0.31	-0.00	7.1	0.1877		0.9862	0.9827	
235	8	0.401	1.18	-0.00	7.3	0.2096		0.9860	0.9829	
235	9	0.402	2.34	-0.00	7.6	0.2323		0.9855	0.9829	
235	10	0.401	-0.71	-0.00	7.3	0.2137		0.9853	0.9829	
236	1	0.401	-4.67	-0.00	66.2	2.062	173.8	1.0287	1.0279	5.6035
236	2	0.401	-2.63	-0.00	66.2	1.658	173.9	1.0291	1.0279	5.6035
236	3	0.402	-1.63	-0.00	66.2	1.301	172.5	1.0296	1.0274	5.6035
236	4	0.402	-1.17	-0.00	65.5	1.0727	172.5	1.0304	1.0272	5.6035
236	5	0.402	-0.65	-0.00	65.5	0.504	171.6	1.0309	1.0267	5.6035
236	6	0.402	-0.15	-0.00	65.5	0.573	171.2	1.0312	1.0269	5.6035
236	7	0.402	0.36	-0.00	65.5	0.955	171.2	1.0308	1.0269	5.6035
236	8	0.403	1.34	-0.00	65.5	0.973	171.2	1.0308	1.0274	5.6035
237	1	0.403	-4.65	-0.00	171.5	2.721	468.3	1.0401	1.0430	4.0978
237	2	0.403	-2.69	-0.00	125.5	1.6780	468.3	1.0407	1.0430	4.0978
237	3	0.402	-1.67	-0.00	125.5	1.1599	468.3	1.0432	1.0430	4.0978
237	4	0.401	-1.17	-0.00	125.5	0.6113	468.3	1.0432	1.0430	4.0978
237	5	0.401	-0.67	-0.00	125.5	0.5778	468.3	1.0432	1.0430	4.0978
237	6	0.402	0.17	-0.00	125.5	1.1599	468.3	1.0432	1.0430	4.0978
237	7	0.402	1.33	-0.00	125.5	1.1599	468.3	1.0432	1.0430	4.0978
237	8	0.401	-0.71	-0.00	125.5	1.1599	468.3	1.0432	1.0430	4.0978
237	9	0.401	1.33	-0.00	125.5	1.1599	468.3	1.0432	1.0430	4.0978

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	ϕ_A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
237	10	0.402	5.17	-0.00	124.8	11.5441	337.4	1.0423	1.0357	3.1103
238	1	0.401	-4.01	-0.00	384.8	37.7845	1066.5	1.0501	1.0541	9.8905
238	2	0.401	-2.70	-0.00	386.3	37.5158	1070.7	1.0554	1.0580	9.8921
238	3	0.401	-1.68	-0.00	386.3	36.3310	1072.6	1.0571	1.0599	9.8931
238	4	0.402	-1.22	-0.00	388.2	37.2638	1080.6	1.0611	1.0640	9.9056
238	5	0.401	-0.99	-0.00	383.6	37.0083	1063.4	1.0656	1.0684	9.7133
238	6	0.400	-0.18	-0.00	379.8	37.6052	1055.8	1.0661	1.0697	9.6329
238	7	0.402	0.33	-0.00	382.5	37.9390	1067.9	1.0661	1.0697	9.7843
238	8	0.400	1.34	-0.00	387.9	37.0216	1070.9	1.0661	1.0697	9.7951
238	9	0.403	3.31	-0.00	385.9	37.0216	1072.7	1.0552	1.0526	9.8236
240	4	1.201	-4.16	0.00	3.2	0.0045	0.7674	0.7674	0.7601	0.7601
240	5	1.201	-2.26	0.00	3.2	0.0093	0.7757	0.7757	0.7642	0.7642
240	6	1.202	-1.16	0.00	3.3	0.0046	0.7743	0.7743	0.7634	0.7634
240	7	1.201	-0.77	0.00	3.3	0.0044	0.7731	0.7731	0.7636	0.7636
240	8	1.202	-0.22	0.00	3.2	0.0091	0.7743	0.7743	0.7658	0.7658
240	9	1.203	0.38	0.00	3.3	0.0139	0.7733	0.7733	0.7697	0.7697
240	10	1.203	1.48	0.00	3.2	0.0090	0.7763	0.7763	0.7704	0.7704
240	11	1.203	3.71	0.00	3.2	0.0042	0.7782	0.7782	0.7704	0.7704
240	12	1.203	-0.25	0.00	3.6	0.0184	0.7727	0.7727	0.7653	0.7653
241	1	1.204	-4.15	-0.00	210.6	2726	578.9	1.3445	1.3396	4.9054
241	2	1.203	-2.17	-0.00	201.6	4.0413	552.8	1.3610	1.4209	4.7933
241	3	1.202	-1.73	-0.00	199.4	3.9819	552.5	1.3942	1.4209	4.7933
241	4	1.202	-0.25	-0.00	203.6	4.0272	559.4	1.4157	1.4614	4.7962
241	5	1.204	0.30	-0.00	206.0	4.0674	567.0	1.4586	1.4749	4.8427
241	6	1.203	1.40	-0.00	203.6	3.9921	561.2	1.4706	1.4659	4.8126
241	7	1.205	3.84	-0.00	206.1	3.9627	566.2	1.4465	1.4548	4.8364
241	8	1.205	-0.25	0.00	199.6	3.8108	550.2	1.3768	1.3531	4.7944
242	4	1.205	-4.19	-0.00	299.7	6.2417	816.2	1.3796	1.3627	7.3697
242	5	1.202	-2.18	0.00	297.0	6.1608	816.9	1.4261	1.4376	7.2957
242	6	1.202	-1.72	0.00	294.0	6.0433	802.1	1.4465	1.4494	7.2957
242	7	1.203	-0.25	0.00	282.0	5.9570	791.9	1.4916	1.5121	7.1584
242	8	1.203	0.36	-0.00	288.0	5.8466	786.1	1.5076	1.5221	7.1584
242	9	1.203	1.79	-0.00	284.0	5.7913	781.2	1.5169	1.5380	7.1584
242	10	1.203	3.77	-0.00	288.0	5.6811	779.4	1.5389	1.5602	7.1584
242	11	1.203	-0.25	-0.00	288.0	5.6811	779.4	1.5389	1.5602	7.1584
242	12	1.203	-0.25	-0.00	288.0	5.6811	779.4	1.5389	1.5602	7.1584

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	ϕ_A	P _g	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
243	1	1.002	4.21	-0.00	252.5	5.3543	691.0	1.2865	1.3062	6.3083
243	2	1.004	-2.31	-0.00	250.3	5.7690	668.6	1.3374	1.3389	6.2725
243	3	0.998	-1.31	-0.00	248.4	5.5317	686.6	1.3600	1.3696	6.3593
243	4	1.004	-0.73	-0.00	255.9	5.5317	709.6	1.3782	1.4031	6.3767
243	5	1.004	-0.28	-0.00	255.0	5.9832	705.2	1.4055	1.4105	6.4487
243	6	1.001	0.22	-0.00	253.0	5.8802	698.0	1.4069	1.4056	6.3558
243	7	1.003	0.73	-0.00	251.7	5.8247	695.0	1.4093	1.4056	6.3700
243	8	1.001	1.67	-0.00	261.8	5.0194	727.7	1.4343	1.3833	6.3615
243	9	1.001	3.68	-0.00	246.2	5.6389	680.0	1.4343	1.3833	6.3081
244	1	1.001	4.23	0.00	174.6	4.0843	479.3	1.2947	1.2925	4.3518
244	2	1.001	-2.28	-0.00	172.0	4.0339	476.0	1.2947	1.2925	4.3518
244	3	1.001	-1.28	-0.00	172.5	4.4017	474.0	1.3102	1.3127	4.3154
244	4	1.002	-0.78	-0.00	171.4	3.9789	471.8	1.3190	1.3205	4.2614
244	5	1.000	-0.28	-0.00	170.5	3.9575	468.7	1.3223	1.3168	4.2740
244	6	1.000	0.23	-0.00	169.6	3.9285	466.0	1.3161	1.3149	4.2103
244	7	1.001	0.73	-0.00	168.2	3.8859	462.9	1.3131	1.3158	4.2058
244	8	0.999	1.74	-0.00	168.0	3.8807	461.6	1.3130	1.3144	4.2058
244	9	1.001	3.76	-0.00	166.7	3.8352	458.9	1.2994	1.3270	4.1171
245	4	1.002	5.21	0.00	4.29	0.0333	806.1	0.8061	0.7965	5.7965
245	5	1.001	-2.13	0.00	4.54	0.0386	817.0	0.8170	0.8143	5.8143
245	6	1.001	-1.39	0.00	4.52	0.0350	819.5	0.8195	0.8143	5.8143
245	7	1.002	-0.87	0.00	4.52	0.0384	822.4	0.8224	0.8175	5.8175
245	8	1.000	-0.27	0.00	4.53	0.0384	822.4	0.8224	0.8175	5.8175
245	9	1.000	0.21	0.00	4.54	0.0435	822.4	0.8224	0.8175	5.8175
245	10	1.000	0.58	0.00	4.54	0.0435	822.4	0.8224	0.8175	5.8175
245	11	1.001	1.80	0.00	4.54	0.0435	822.4	0.8224	0.8175	5.8175
245	12	1.001	3.79	0.00	4.54	0.0435	822.4	0.8224	0.8175	5.8175
245	13	1.001	-0.31	0.00	4.54	0.0442	822.4	0.8224	0.8175	5.8175
245	14	1.001	-0.31	0.00	4.54	0.0442	822.4	0.8224	0.8175	5.8175
246	1	0.901	3.55	0.00	6.55	0.0689	910.3	0.9103	0.9073	7.9073
246	2	0.902	-2.43	0.00	6.57	0.0696	916.8	0.9168	0.9133	7.9133
246	3	0.901	-1.43	0.00	6.57	0.0713	919.2	0.9192	0.9117	7.9117
246	4	0.901	-0.90	0.00	6.57	0.0713	919.2	0.9192	0.9117	7.9117
246	5	0.902	-0.41	0.00	6.55	0.0775	918.6	0.9186	0.9120	7.9120
246	6	0.900	0.10	0.00	6.55	0.0775	918.6	0.9186	0.9120	7.9120
246	7	0.901	0.54	0.00	6.55	0.0775	918.6	0.9186	0.9120	7.9120
246	8	0.901	1.64	0.00	6.57	0.0775	918.6	0.9186	0.9120	7.9120
246	9	0.901	3.62	0.00	6.57	0.0775	918.6	0.9186	0.9120	7.9120
246	10	0.901	-0.41	0.00	6.57	0.0775	918.6	0.9186	0.9120	7.9120
246	11	0.901	-0.41	0.00	6.57	0.0775	918.6	0.9186	0.9120	7.9120
246	12	0.901	-0.41	0.00	6.57	0.0775	918.6	0.9186	0.9120	7.9120
246	13	0.901	-0.41	0.00	6.57	0.0775	918.6	0.9186	0.9120	7.9120
246	14	0.901	-0.41	0.00	6.57	0.0775	918.6	0.9186	0.9120	7.9120

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	φ _A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
247	1	0.902	-4.31	-0.00	22.4	5.7696	613.9	1.2095	1.2396	5.2903
247	2	0.902	-2.38	-0.00	22.1	5.7215	604.9	1.2648	1.2909	5.2923
247	3	0.902	-1.37	-0.00	22.2	5.6854	614.2	1.2735	1.2950	5.2957
247	4	0.902	-0.40	-0.00	22.1	5.6401	608.5	1.2840	1.2916	5.2948
247	5	0.902	0.49	-0.00	22.0	5.6885	603.7	1.2918	1.2881	5.2940
247	6	0.902	0.60	-0.00	22.1	5.7351	614.9	1.2933	1.2901	5.2924
247	7	0.902	1.63	-0.00	22.0	5.6832	609.8	1.2897	1.2873	5.2922
247	8	0.902	3.53	-0.00	22.3	5.7355	620.9	1.2577	1.2437	5.2922
248	1	0.902	-4.35	-0.00	4.6	8.5201	904.7	1.2361	1.2539	7.7576
248	2	0.902	-2.37	-0.00	3.22	8.3877	900.5	1.2806	1.3041	7.0793
248	3	0.902	-1.44	-0.00	3.25	8.3894	909.2	1.2911	1.3251	7.0794
248	4	0.902	-0.98	-0.00	3.24	8.2794	910.2	1.3082	1.3268	7.0794
248	5	0.903	-0.42	-0.00	3.25	8.3829	911.8	1.3277	1.3337	7.0794
248	6	0.902	0.53	-0.00	3.26	8.3019	912.6	1.3409	1.3373	7.0794
248	7	0.901	0.53	-0.00	3.25	8.5019	913.6	1.3549	1.3570	7.0794
248	8	0.901	1.51	-0.00	3.25	8.4000	911.4	1.3249	1.3272	7.0794
248	9	0.902	3.57	-0.00	3.26	8.3328	914.5	1.2731	1.2684	7.0794
249	1	0.701	-4.51	0.00	29.5	11.546	820.7	1.2632	1.3562	7.0655
249	2	0.702	-2.52	0.00	26.7	11.990	740.3	1.1591	1.1756	7.0655
249	3	0.701	-1.57	-0.00	27.9	10.4245	780.0	1.1691	1.1830	7.0655
249	4	0.702	-0.53	-0.00	27.6	10.2284	771.6	1.1725	1.1832	7.0655
249	5	0.702	-0.53	-0.00	27.7	10.2043	775.2	1.1823	1.1839	7.0655
249	6	0.703	-0.45	-0.00	27.7	10.1058	774.3	1.1823	1.1819	7.0655
249	7	0.702	0.48	-0.00	27.7	10.3275	773.9	1.1783	1.1646	7.0655
249	8	0.702	3.43	-0.00	27.9	10.2698	776.1	1.1514	1.1467	7.0655
250	1	0.702	-4.54	0.00	15.9	5.9524	40.5	1.0896	1.1322	5.9955
250	2	0.701	-2.52	-0.00	15.8	5.9055	43.3	1.1226	1.1358	5.9955
250	3	0.701	-1.50	-0.00	15.7	5.8654	43.4	1.1279	1.1340	5.9955
250	4	0.702	-0.52	-0.00	15.7	5.8479	43.3	1.1361	1.1347	5.9955
250	5	0.702	-0.52	-0.00	15.7	5.8380	43.4	1.1379	1.1350	5.9955
250	6	0.702	0.45	-0.00	15.7	5.8330	43.3	1.1371	1.1352	5.9955
250	7	0.701	1.43	-0.00	15.7	5.8310	43.3	1.1286	1.1210	5.9955
250	8	0.701	3.47	-0.00	15.6	5.8509	43.3	1.0951	1.1210	5.9955
251	1	0.702	-4.49	0.00	7.0	0.0921	0.9524	0.9524	0.9506	0.9506
251	2	0.702	-2.47	0.00	7.0	0.0918	0.9553	0.9553	0.9533	0.9533
251	3	0.702	-1.51	0.00	7.4	0.1089	0.9571	0.9571	0.9543	0.9543

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M_c	α	ϕ_A	P_s	CRT	F_L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W_a
251	4	0.702	-1.08	0.00	7.6	0.1088	1581.0	0.9575	0.9532	9.5255
251	5	0.702	-0.54	0.00	7.6	0.1172	1556.5	0.9570	0.9530	9.5255
251	6	0.702	-0.03	0.00	7.6	0.1108	1555.8	0.9567	0.9528	9.5255
251	7	0.702	0.47	0.00	7.6	0.1084	1553.1	0.9560	0.9520	9.5255
251	8	0.702	1.50	0.00	7.6	0.1170	1553.8	0.9547	0.9490	9.5255
251	9	0.702	3.58	0.00	7.6	0.1082	1553.5	0.9574	0.9528	9.5255
251	10	0.701	-0.56	0.00	7.6	0.1166	1553.9			9.5255
253	5	0.700	-4.56	-0.00	558.3	21.2826	1581.0	1.1409	1.1595	13.8798
253	6	0.701	-2.57	-0.00	550.3	20.5146	1556.5	1.1687	1.1881	13.8798
253	7	0.700	-1.62	-0.00	553.5	20.3397	1555.8	1.1762	1.1965	13.8798
253	8	0.701	-1.05	-0.00	550.8	20.7797	1553.1	1.1952	1.2072	13.8798
253	9	0.701	-0.55	-0.00	554.6	20.5706	1553.8	1.2091	1.2204	13.8798
253	10	0.701	-0.04	-0.00	548.1	20.0894	1553.5	1.2165	1.2272	13.8798
253	11	0.701	0.38	-0.00	549.4	20.3743	1553.9	1.2005	1.2183	13.8798
253	11	0.700	3.33	-0.00	554.4	20.1957	1553.5	1.1717	1.1892	13.8798
254	1	0.902	-4.37	-0.00	476.3	12.7780	1347.5	1.7550	1.2839	12.1028
254	2	0.901	-2.41	-0.00	476.1	12.6224	1346.9	1.2997	1.3206	12.1028
254	3	0.902	-1.42	-0.00	478.2	12.3784	1348.2	1.3266	1.3419	12.1028
254	4	0.901	-0.87	-0.00	477.9	12.7179	1349.6	1.3527	1.3652	12.1028
254	5	0.902	-0.42	-0.00	472.5	12.5906	1350.2	1.3681	1.3804	12.1028
254	6	0.901	0.55	-0.00	477.2	12.3072	1355.7	1.3371	1.3504	12.1028
254	7	0.902	1.61	-0.00	478.8	12.7567	1358.1	1.3267	1.3392	12.1028
254	8	0.901	3.53	-0.00	476.6	12.4386	1351.1	1.2671	1.2842	12.1028
255	1	1.000	-0.21	-0.00	443.4	10.8593	1251.6	1.4588	1.4611	11.2319
256	1	1.001	-4.34	-0.00	303.7	7.4346	854.5	1.3154	1.3481	7.6188
256	2	1.002	-2.33	-0.00	305.0	7.4114	858.7	1.3255	1.3402	7.6188
256	3	1.003	-1.27	-0.00	298.0	7.1573	857.3	1.3408	1.3543	7.6188
256	4	1.003	-0.25	-0.00	297.0	7.0760	857.3	1.3408	1.3543	7.6188
256	5	1.002	0.20	-0.00	297.6	7.0144	857.3	1.3408	1.3543	7.6188
256	6	1.002	0.72	-0.00	294.7	6.8338	856.9	1.3408	1.3543	7.6188
256	7	1.001	1.67	-0.00	297.1	6.8469	857.3	1.3408	1.3543	7.6188
256	8	1.001	3.53	-0.00	297.1	6.8081	857.3	1.3408	1.3543	7.6188
257	1	1.003	-4.23	-0.00	248.9	6.0627	700.2	1.3004	1.3446	6.2033
257	2	1.000	-2.23	-0.00	248.4	5.9967	694.9	1.3314	1.3836	6.2033
257	3	1.000	-1.23	-0.00	249.1	5.9803	700.2	1.3672	1.3979	6.2033

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	φ _A	P _s	CRT	P _L	P _{b1} P	P _{b2} P	W _a
257	4	1.000	-0.726	-0.000	248.7	5.9444	696.7	1.3839	1.4064	2374
257	5	1.002	-0.20	-0.000	245.6	5.8340	691.3	1.4122	1.4083	2382
257	6	1.000	0.73	-0.000	251.2	5.9554	707.1	1.4050	1.4026	2384
257	7	1.001	1.66	-0.000	248.1	5.8491	694.1	1.3983	1.4026	2385
257	8	1.001	3.66	-0.000	246.0	5.7336	690.1	1.3271	1.3137	2350
258	1	1.000	-1.2	0.000	170.9	4.0419	480.1	1.4866	1.3018	3047
258	2	1.003	-2.32	-0.000	169.5	3.9912	473.0	1.4866	1.3220	3042
258	3	1.000	-1.72	-0.000	167.4	3.9736	469.0	1.4866	1.3220	3042
258	4	1.000	-0.25	-0.000	170.4	3.9615	472.5	1.4866	1.3220	3042
258	5	1.002	0.17	-0.000	168.8	3.9960	475.7	1.4866	1.3220	3042
258	6	1.001	0.79	-0.000	169.1	3.9071	475.6	1.4866	1.3220	3042
258	7	1.000	1.73	-0.000	167.9	3.9238	470.8	1.4866	1.3220	3042
258	8	1.000	3.76	-0.000	169.3	3.9460	474.3	1.4866	1.3220	3042
258	9	1.001	5.63	-0.000	167.8	3.8945	470.3	1.4866	1.3220	3042
258	10	1.000	7.64	-0.000	170.0	3.9387	475.2	1.4866	1.3220	3042
258	11	1.001	9.68	-0.000	169.3	3.9230	473.4	1.4866	1.3220	3042
258	12	1.001	11.67	0.000	169.3	3.8981	474.3	1.4866	1.3220	3042
259	2	1.001	-4.24	-0.000	109.3	2.5857	303.6	1.2014	1.2030	7227
259	3	1.002	-2.21	-0.000	110.2	2.6063	305.0	1.2392	1.2410	7227
259	4	1.000	-1.82	-0.000	108.2	2.5643	307.1	1.2392	1.2397	7227
259	5	1.002	-0.82	-0.000	109.1	2.5960	302.6	1.2457	1.2455	7227
259	6	1.002	0.22	-0.000	106.2	2.5627	299.7	1.2457	1.2454	7227
259	7	1.001	1.78	-0.000	112.7	2.6430	312.2	1.2457	1.2454	7227
259	8	1.001	3.82	-0.000	109.1	2.5633	304.1	1.2457	1.2454	7227
260	4	1.207	-0.25	0.000	348.1	7.1281	979.2	1.4997	1.5348	5918
260	5	1.202	-2.16	0.000	346.0	6.9413	974.3	1.4997	1.5348	5918
260	6	1.204	-1.74	0.000	349.8	6.9203	982.3	1.4997	1.5348	5918
260	7	1.203	-0.74	0.000	348.5	6.8255	984.1	1.4997	1.5348	5918
260	8	1.201	0.19	0.000	348.1	6.6585	983.4	1.4997	1.5348	5918
260	9	1.204	0.22	-0.000	350.8	7.1401	982.3	1.4997	1.5348	5918
260	10	1.203	1.80	0.000	345.8	6.9462	977.5	1.4997	1.5348	5918
260	11	1.204	3.77	0.000	344.6	6.6883	977.5	1.4997	1.5348	5918
260	12	1.204	5.77	0.000	344.6	6.6883	977.5	1.4997	1.5348	5918
260	13	1.204	7.77	0.000	344.6	6.6883	977.5	1.4997	1.5348	5918

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	φ _A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
261	1	1.203	-4.24	-0.00	292.4	5.9691	820.9	1.3845	1.3475	2.2652
261	2	1.203	-2.23	0.00	290.1	5.8382	811.7	1.4142	1.4223	2.2660
261	3	1.203	-1.27	0.00	286.4	5.7184	805.0	1.4452	1.4563	2.2479
261	4	1.203	-0.28	0.00	285.1	5.6433	805.0	1.4533	1.4890	2.2621
261	5	1.203	0.28	-0.00	286.5	5.6061	804.6	1.4837	1.5100	2.2628
261	6	1.203	0.74	0.00	286.1	5.5852	804.1	1.5181	1.5294	2.2742
261	7	1.203	1.77	0.00	286.1	5.5435	804.4	1.5463	1.5443	2.2730
261	8	1.203	3.66	0.00	285.6	5.4977	804.4	1.5631	1.5543	2.2430
261	9	1.203		0.00	287.2	5.6472	807.2	1.5856	1.5736	2.2081
262	4	1.203	-4.18	-0.00	201.4	4.1806	561.4	1.3247	1.3204	4.8497
262	5	1.203	-2.12	-0.00	202.3	4.1887	566.0	1.3397	1.3169	4.8270
262	6	1.203	-1.12	-0.00	201.3	4.1453	561.0	1.3537	1.3520	4.7650
262	7	1.203	-0.17	-0.00	198.2	4.0770	556.0	1.3612	1.3656	4.7966
262	8	1.203	0.26	-0.00	202.3	4.1412	556.0	1.3759	1.3793	4.8146
262	9	1.203	0.76	-0.00	201.7	4.0594	557.0	1.3901	1.3768	4.8150
262	10	1.204	1.85	0.00	204.2	4.0981	569.1	1.4067	1.4658	4.8699
262	11	1.204	2.85	0.00	201.2	4.1272	569.1	1.4094	1.3942	4.8555
262	12	1.204	3.76	0.00	201.1	4.0362	563.5	1.4081	1.3529	4.8555
262	13	1.204	5.68	-0.00	202.4	4.0229	566.0	1.4015	1.3207	4.9165
262	14	1.204	7.80	-0.00	200.3	4.0422	566.0	1.4046	1.3272	4.8563
262	15	1.204	9.20	-0.00	201.6	4.0924	563.5	1.4093	1.3485	4.8523
262	16	1.205	11.78	0.00	202.3	4.0156	563.5	1.4030	1.3348	4.8298
263	1	1.203	-4.17	0.00	130.7	3.6164	364.2	1.2723	1.1355	3.1657
263	2	1.203	-2.23	-0.00	123.5	3.4704	342.1	1.3137	1.1563	3.2327
263	3	1.203	-1.23	-0.00	121.6	3.3611	337.0	1.3290	1.1326	3.2391
263	4	1.203	-0.68	-0.00	120.1	3.4151	333.4	1.3394	1.1245	3.2051
263	5	1.203	-0.16	-0.00	120.1	3.4077	333.4	1.3439	1.1253	3.2313
263	6	1.203	0.30	-0.00	120.1	3.4104	333.4	1.3430	1.1253	3.2337
263	7	1.203	0.77	-0.00	121.7	3.4500	336.0	1.3533	1.1253	3.2341
263	8	1.203	1.81	-0.00	119.2	3.4356	335.2	1.3523	1.1296	3.2321
263	9	1.203	3.82	-0.00	119.2	3.4126	335.2	1.3523	1.1296	3.2321
264	1	1.203	-4.17	-0.00	3.3	0.0966	767.1	0.7603	0.5500	0.7493
264	2	1.203	-2.23	0.00	3.3	0.0096	760.3	0.7594	0.7493	0.7493
264	3	1.204	-1.23	0.00	3.3	0.0097	759.4	0.7572	0.7506	0.7506
264	4	1.204	-0.72	0.00	3.3	0.0142	757.3	0.7573	0.7532	0.7532
264	5	1.204	-0.14	0.00	3.3	0.0187	759.1	0.7591	0.7532	0.7532
264	6	1.204	0.78	0.00	3.3	0.0185	759.0	0.7590	0.7532	0.7532
264	7	1.203	1.83	0.00	3.3	0.0184	761.6	0.7616	0.7532	0.7532

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	ϕ_A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
264	9	1.203	3.90	0.00	3.8	0.0183		0.7628	0.7535	
264	10	1.203	3.84	0.00	3.6	0.0138		0.7640	0.7571	
264	11	1.203	5.63	0.00	4.0	0.0228		0.7486	0.7392	
264	12	1.203	7.73	0.00	4.0	0.0229		0.7466	0.7352	
264	13	1.203	9.73	0.00	4.0	0.0226		0.7223	0.7189	
264	14	1.203	11.76	0.00	4.0	0.0226		0.7223	0.7189	
264	15	1.203	-0.20	0.00	4.0	0.0226		0.7600	0.7531	
265	1	1.003	4.19	-0.00	4.5	0.0229		0.8010	0.7990	
265	2	1.003	4.27	-0.00	4.5	0.0229		0.8078	0.8049	
265	3	1.003	1.30	-0.00	4.7	0.0283		0.8073	0.8070	
265	4	1.003	0.78	-0.00	4.7	0.0284		0.8064	0.8071	
265	5	1.003	0.26	-0.00	4.5	0.0229		0.8130	0.8094	
265	6	1.003	0.21	-0.00	4.2	0.0171		0.8130	0.8094	
265	7	1.003	0.77	-0.00	4.5	0.0281		0.8113	0.8033	
265	8	1.003	0.70	-0.00	4.5	0.0226		0.8105	0.8020	
265	9	1.003	1.69	-0.00	4.5	0.0224		0.8137	0.7965	
265	10	1.003	2.78	-0.00	4.7	0.0278		0.8078	0.7933	
265	11	1.003	3.74	-0.00	4.5	0.0223		0.8078	0.7924	
265	12	1.003	5.63	-0.00	4.5	0.0223		0.8018	0.7909	
265	13	1.003	7.76	-0.00	4.2	0.0170		0.7913	0.7762	
265	14	1.003	9.76	-0.00	4.0	0.0115		0.7800	0.7627	
265	15	1.003	11.76	-0.00	4.0	0.0111		0.7281	0.7424	
265	16	1.003	-0.20	-0.00	4.0	0.0222		0.8093	0.8082	
266	1	0.902	4.31	-0.00	5.1	0.0328		0.9264	0.9171	
266	2	0.902	4.37	-0.00	5.5	0.0393		0.9294	0.9113	
266	3	0.902	1.37	-0.00	5.1	0.0335		0.9312	0.9097	
266	4	0.901	0.91	-0.00	5.5	0.0337		0.9260	0.9146	
266	5	0.901	0.39	-0.00	5.1	0.0401		0.9172	0.9107	
266	6	0.901	0.55	-0.00	5.5	0.0402		0.9168	0.9127	
266	7	0.901	0.55	-0.00	5.5	0.0517		0.9208	0.9077	
266	8	0.902	2.66	-0.00	5.5	0.0450		0.9208	0.9060	
266	9	0.902	3.66	-0.00	5.5	0.0396		0.9202	0.9107	
266	10	0.900	5.63	-0.00	5.5	0.0401		0.9168	0.9091	
266	11	0.902	7.57	-0.00	5.5	0.0393		0.8929	0.8923	
266	12	0.902	9.57	-0.00	5.5	0.0393		0.8929	0.8775	
266	13	0.902	11.52	-0.00	5.5	0.0397		0.8929	0.8567	
266	14	0.902	-0.41	-0.00	5.5	0.0456		0.8929	0.8567	
266	15	0.902	-4.35	-0.00	327.3	8.7613	923.5	1.2482	1.2764	8.2066
267	1	0.902	-4.35	-0.00	324.4	8.6216	912.9	1.2685	1.3150	7.9993

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	ϕ_A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
267	3	0.903	-1.489	-0.000	323.5	5303	907.1	1.985	1.330	7.963
267	4	0.903	-0.400	-0.000	324.4	5311	911.5	1.214	1.333	7.974
267	5	0.902	-0.400	-0.000	324.4	5317	912.5	1.357	1.333	7.974
267	6	0.902	0.058	-0.000	325.7	5348	916.4	1.344	1.336	7.980
267	7	0.902	1.553	-0.000	325.7	5348	894.3	1.344	1.336	7.980
267	8	0.901	3.554	-0.000	322.6	5344	908.5	1.256	1.305	7.972
267	9	0.901		-0.000	322.6	5349	908.5	1.256	1.305	7.972
268	1	0.903	-4.355	-0.000	218.0	7230	613.0	1.985	1.330	5.963
268	2	0.902	-2.435	-0.000	218.0	7236	611.4	1.214	1.333	5.974
268	3	0.902	-1.855	-0.000	219.1	5311	611.5	1.357	1.333	5.974
268	4	0.902	-0.400	-0.000	219.1	5348	616.4	1.344	1.336	5.980
268	5	0.901	0.058	-0.000	220.1	5348	618.3	1.344	1.336	5.980
268	6	0.901	1.553	-0.000	221.4	5344	619.5	1.256	1.305	5.972
268	7	0.901	3.554	-0.000	221.4	5349	618.5	1.256	1.305	5.972
268	8	0.901	7.553	-0.000	219.1	5344	611.4	1.256	1.305	5.972
268	9	0.901	11.661	-0.000	219.1	5349	616.4	1.256	1.305	5.972
269	1	0.902	-4.355	-0.000	153.1	4439	445.1	1.985	1.330	3.963
269	2	0.902	-2.435	-0.000	153.1	4437	443.4	1.214	1.333	3.974
269	3	0.901	-1.855	-0.000	154.5	4425	443.4	1.357	1.333	3.974
269	4	0.902	-0.400	-0.000	155.0	4421	443.4	1.344	1.336	3.980
269	5	0.902	0.058	-0.000	155.0	4421	443.4	1.344	1.336	3.980
269	6	0.901	1.553	-0.000	156.0	4421	443.4	1.256	1.305	3.972
269	7	0.901	3.554	-0.000	156.0	4421	443.4	1.256	1.305	3.972
269	8	0.902		-0.000	153.1	4439	445.1	1.256	1.305	3.972
269	9	0.902		-0.000	153.1	4439	445.1	1.256	1.305	3.972
270	4	0.700	-4.547	0.000	273.0	5262	781.6	1.985	1.330	6.963
270	5	0.701	-2.533	0.000	273.0	5262	779.7	1.214	1.333	6.974
270	6	0.701	-1.044	-0.000	274.2	5262	769.3	1.357	1.333	6.974
270	7	0.701	-0.546	-0.000	274.2	5262	769.3	1.344	1.336	6.980
270	8	0.701	0.054	-0.000	274.2	5262	771.5	1.344	1.336	6.980
270	9	0.701	1.547	-0.000	274.2	5262	771.5	1.256	1.305	6.972
270	10	0.701	3.547	-0.000	273.0	5262	771.5	1.256	1.305	6.972
270	11	0.701		-0.000	273.0	5262	771.5	1.256	1.305	6.972
270	12	0.701		-0.000	273.0	5262	771.5	1.256	1.305	6.972

TABLE VI
RADIAL THRUST COEFFICIENTS AND ASSOCIATED PARAMETERS

Run	Pt	M _c	α	ϕ_A	P _s	CRT	P _L	$\frac{P_{b1}}{P}$	$\frac{P_{b2}}{P}$	W _a
271	1	0.700	-4.57	0.00	155.3	5.7880	432.4	1.0979	1.1306	8297
271	2	0.700	-2.51	0.00	156.8	5.8058	435.4	1.1351	1.1439	8246
271	3	0.701	-1.05	-0.00	155.4	5.7778	435.5	1.1355	1.1434	8394
271	4	0.701	-0.50	-0.00	155.4	5.7511	435.5	1.1417	1.1415	8615
271	5	0.701	-0.07	-0.00	156.7	5.7774	435.6	1.1453	1.1450	8666
271	6	0.702	0.47	-0.00	156.7	5.7774	435.6	1.1453	1.1450	8666
271	7	0.702	1.51	-0.00	155.4	5.7237	435.3	1.1403	1.1352	8219
271	8	0.702	3.56	-0.00	155.6	5.7032	435.5	1.1323	1.1252	8215
271	9	0.702	5.34	-0.00	155.6	5.7032	435.5	1.1173	1.1068	8465
271	10	0.702	7.42	-0.00	155.6	5.6969	435.5	1.1151	1.1078	8016
271	11	0.701	9.42	0.00	155.3	5.6969	435.5	1.1151	1.1078	8072
271	12	0.701	11.46	0.00	155.3	5.6969	435.5	1.1151	1.1078	8072
271	13	0.701	11.46	0.00	155.3	5.6969	435.5	1.1151	1.1078	8072
271	14	0.701	11.46	0.00	155.3	5.6969	435.5	1.1151	1.1078	8072
272	1	0.700	-4.50	0.00	113.5	4.1588	517.5	1.0936	1.0439	8614
272	2	0.701	-2.46	-0.00	112.9	4.1242	512.5	1.1092	1.1121	7693
272	3	0.701	-1.55	-0.00	111.1	4.0966	511.2	1.1137	1.1121	7693
272	4	0.700	-1.03	-0.00	111.6	4.1016	511.9	1.1137	1.1121	7693
272	5	0.700	-0.54	-0.00	111.4	4.0945	509.0	1.1146	1.1118	7693
272	6	0.701	-0.05	-0.00	110.3	4.0779	508.1	1.1129	1.1107	7693
272	7	0.700	1.51	-0.00	110.3	4.0616	508.5	1.1129	1.1107	7693
272	8	0.701	3.50	-0.00	109.8	4.0442	505.0	1.1108	1.1107	7693
273	1	0.702	-4.68	0.00	5.4	0.3465	3.4	0.9565	0.9547	719
273	2	0.701	-2.57	0.00	5.5	0.3265	3.5	0.9565	0.9547	719
273	3	0.701	-1.02	0.00	5.5	0.3437	3.7	0.9565	0.9547	719
273	4	0.701	-0.37	0.00	5.5	0.3437	3.7	0.9565	0.9547	719
273	5	0.701	0.35	0.00	5.5	0.3437	3.7	0.9565	0.9547	719
273	6	0.701	1.25	0.00	5.5	0.3437	3.7	0.9565	0.9547	719
273	7	0.702	3.53	0.00	5.5	0.3437	3.7	0.9565	0.9547	719
273	8	0.702	5.38	0.00	5.5	0.3437	3.7	0.9565	0.9547	719
273	9	0.701	7.46	0.00	5.5	0.3437	3.7	0.9565	0.9547	719
273	10	0.701	9.46	0.00	5.5	0.3437	3.7	0.9565	0.9547	719
273	11	0.702	11.51	0.00	5.5	0.3437	3.7	0.9565	0.9547	719
273	12	0.701	11.51	0.00	5.5	0.3437	3.7	0.9565	0.9547	719
273	13	0.701	11.51	0.00	5.5	0.3437	3.7	0.9565	0.9547	719
273	14	0.701	11.51	0.00	5.5	0.3437	3.7	0.9565	0.9547	719
273	15	0.702	11.51	0.00	5.5	0.3437	3.7	0.9565	0.9547	719